Holstein-Friesian WORLD

May 25, 1961

THE NEWSPAPER OF THE BREED

UNIVERSITY MICROFILMS 1-51C
313 N. FIRST ST.
ANN ARBOR, MICH.

An aerial view of the Convention City

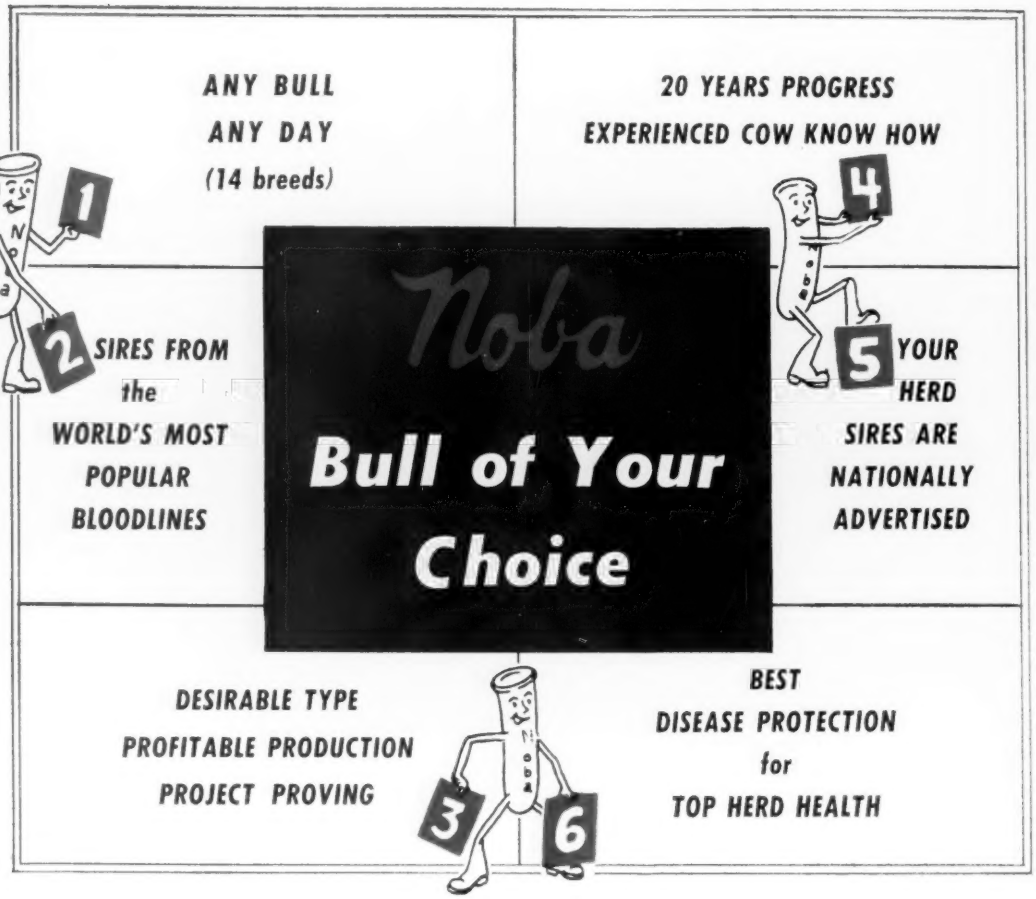
76th Annual Convention — The Holstein-Friesian Association of America
Cleveland, Ohio — — June 5-8, 1961

With the Convention so close by —

Plan a Visit To NOBA at Tiffin, Ohio

You'll like our Holstein bulls.

We Would Like To Show You The Details That Put Our Service in a Class by Itself !



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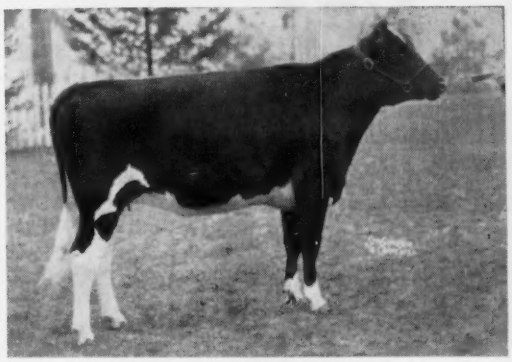
Bubbles' Daughter Selling

POESTENKILL MODEL BUBBLES (EX-91)
All-American 4-yr-old, 1958 and Nominated for All-American Aged Cow, 1959-60.

Member of 1960			All-American	Get of Sire	
5- 7	365d	2X	16,488	4.3	703
6-10	237d	2X	15,453		638 (Inc.)

Making a top record this year.

Selling June 8th



MEARS BUBBLES PHYLLES
Born 9-3-58

PHYLLES is sired by the proven Bainridge Chester Inka, a top Ormsby sire whose 14 classified daughters average 83.1 points. His preliminary proof shows 11 daughters averaging 534 lbs. fat, an increase of 68 lbs. over the dams. PHYLLES should be one of his best daughters as her dam is one of the great cows of the breed, she a daughter of Amcana Dictator Model (EX-GM) from a daughter of Weber Burke Bubbles (EX).

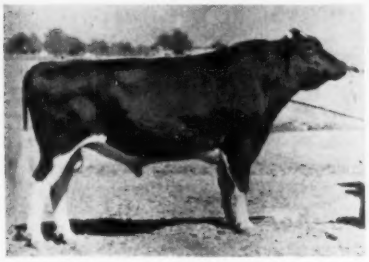
PHYLLES is due with her 1st calf in early August to the famous Osborndale Ivanhoe (VG-GM). This calf will be a combination of two of the great sires of recent years and will be foundation caliber for any herd.

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

Beacon Dairy Research Farm
Cayuga, N.Y. Operated by The Beacon Milling Company
A Division of Spencer Kellogg and Sons, Inc.

Two New "Excellents" at RICH — HERD

OUR JUNIOR HERD SIRE



WEBER WIS BURKE WARDEN
EX-91 at 3 years.
Pictured at two years of age. His sire: Wis Champion (EX-SMT), herd sire at Pabst Farms.
His Dam: A VG 695-lb. fat daughter of Pabst Governor (EX-GM).
His maternal granddam is Weber Double Cameo (EX across the board).

We are breeding "Warden" to our daughters of Lonelm Texai Highcroft. His first eight daughters, just youngsters, are smooth, straight and black. We like them! Three of our Excellent Highcroft daughters (Apple, Mina and Trudy) are due to him soon.

Our New Classification Average:
7 EX - 23 VG - 4 GP
(34 head average 87+)

OUR PRIDE and JOY

TEXAL RICH-HERD TRUDY
Excellent - 91

5-1	365d	2X	17,849	4.6	825
3-9	365d	2X	15,146	4.8	729
2-8	335d	2X	13,563	4.5	604

Her dam: Bridal Rich-Herd Texal ("Tex"). Excellent-92, daughter of Lonelm Texal Highcroft with 6-0 365d 2X 23,858 4% 951. We are breeding granddaughters of Highcroft back to sons of Highcroft - usually Lonelm Texal Diamond (EX).

Rich—Herd Holstein Ranch
GRANT and LUCILE RICHARDS
Route 1, Box 154, American Fork, Utah
-ENRICH YOUR HERD WITH A RICH-HERD SIRE-

Holstein-Friesian World

The Newspaper of the Breed

Vol. 58, No. 10, May 25, 1961

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Microfilm subscriptions available.

Entered as second class matter, December 16, 1918, at the Post Office at Lacona, New York under the Act of March 4, 1879.

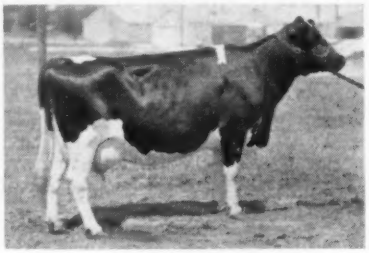
1,000 Lb. Records —

Black Tritomia Spring Edge 416-4756 (EX), owned by 19-year-old John Kagel, Elgin, Ill., has completed an HIR record at 8y 3m of 23,578 lbs. milk, 4.8%, 1129 lbs. fat in 365 days 2X. She calved back within a month of the completion of this fine performance. "Goldie," as John Kagel calls her, was Junior All-Illinois Aged Cow in 1960 and was shown at four shows while making her record. She was champion at three of the four and reserve at the other.

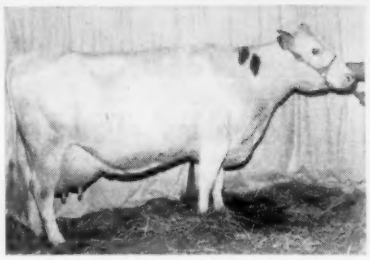
Kagel purchased Goldie at the 1959 Rockford Quality Classic for $2400. She was consigned by Art Houlberg, Albany, Wis., who had bought her as a 2-year-old from her breeder, the late Earl Palmer of Lake Geneva, Wis. She carries several crosses to Carnation Emperor in her pedigree.

She has dropped two calves since being owned by Kagel. The older, a son, is owned jointly with Greene Farms, Napierville, Ill. The second, a daughter born this past March, is by Carnation Royal Master.

John is a son of Louis Kagel, manager of Killybracken Farm which is owned by Mrs. C. Groverman Ellis. Since graduating from high school, John has been working with his father at Killybracken. In 1960 John was a member of the Illinois 4-H Dairy Judging Team that was first at the International Dairy Show and second at Waterloo. John was high man in judging Jerseys at Chicago.



BLACK TRITOMIA SPRING EDGE 4164756 (EX)
8-2 365 2X 23,578 4.8 1129 HT
Owned by John Kagel, Elgin, Ill.



WEIX IDEAL PRINCESS ROYAL 3439514 (EX)
9-3 326 2X 22,835 3.7 1073 HT
Owned by Conrad Zehrer, Lochland Farm, Sauk Centre, Minn. Her record was reported in the March 25, 1961, **World** and this picture, taken Jan. 14, 1961, was subsequently received. Lochland has four milking daughters, a heifer calf, and a son of hers in service. This is her third record above 1000 lbs. fat DHIA or HIR.

1137 FAT AT MITCHELL FARM

Mitchell Farm Kronstad Inez 313-4878 (G), bred and owned by Robert K. Mitchell, Southbury, Conn., has finished with 10-4 365 2X 27,873 4.1 1137 HT. Her best previous record was at 7-0 when she made 20,272 lbs. milk, 724 lbs. fat, also 2X.

Inez is by Baker Farm Walker Kronstad, a son of Sir Inka May Walker, and from a Mitchell Farm dam.

ONE FOR MARYLAND

Russell S. Wachter, Clovertop Farm, Keymar, Md., is breeder and owner of Clovertop Della Marie 3450890 (EX) who is now reported with 8-3 365 2X 24,969 4.5 1118 HT. Her best previous record was as a 6-year-old when she made 21,870 lbs. milk, 765 lbs. fat.

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Wis Reward 1303180 "The Bull With The Golden Pedigree"

We now have over 150 daughters of WIS REWARD. His oldest daughters will start freshening in August.

Reward's Gold Medal dam is Excellent with 208,596 lbs. milk, his Gold Medal sire is Excellent and All-American. His two full sisters are both Excellent, and he has an Excellent full brother and maternal brother, and a Very Good maternal brother that is also Gold Medal.

We have some very nice bulls sired by REWARD and out of some of our best cows, that we are pricing very reasonable. We also offer his frozen semen at $10 per vial. We guarantee that Reward does not carry the red factor and to the best of our knowledge he carries no undesirable or lethal recessive characteristics.

Why not stop on your way to or from the convention and see Reward, his daughters and the rest of our herd of over 1000 registered Holsteins? We are only 250 miles from Cleveland and directly on your way from the Pabst-Knutson sale.

We are offering an exceptionally fine lot of young cows and first calf heifers due to freshen in June, July, August and September. All are officially calfhood vaccinated, all sired by high record bulls and all bred to high record bulls. If you are looking for the best at a very reasonable price, this lot of cattle will please you.

Green Meadow Farms

Phone: Union 2-4389 *Elsie, Michigan* **Phone: Union 2-5009**

"Where the latch — string is always out"

REGISTERED HOLSTEINS

Tiho

OF "BURKE" BREEDING

"VG" With First Calf

SHETLARS TIDY CANARY DELLA
(VG with 1st Calf)
2-8 2X 365d 16,780 3.6 595
3-11 2X 170d 6,780 378
(in progress)

DELLA was Reserve Champion Cow at the 1960 Wyoming State Fair for us and she has had two daughters for us since we purchased her as a bred heifer in the 1959 Convention Sale at Omaha. DELLA is sired by Posch Crystella Tidy (VG-GM) and her dam is Win-View Lad Canary Bell (VG-87), a 100,000-lb. daughter of Clyde Hill Elsie Tidy Lad 6th who will soon receive her Gold Medal. Second dam is also a "VG" 100,000-lb. cow.

DUANE FISHER & FAMILY
Fort Collins, Colorado
Route 4, Box 226
Telephone: Hunter 2-2928

SET ASIDE THE DATE
August 25, 1961
For our
HEIFER HARVEST SALE
including 20 granddaughters of

HAMARET QUEEN PROSPECTOR (EX)
365d 2X 35,565M 3.7% 1319F

Almost 50 head carry close-up blood of the "Queen of Queens" or are carrying calf to one of her sons.

Friendly Fields Farm
The greatest word in Black & White
AZARIAH M. FREY
STEWARTSVILLE, N.J.

Marie is by Hickoryvale Della Dunloggin, a son of the famous Curtiss Candy Della Lad who did such a fine job at Ira Ifert's Hickoryvale Farm. On the maternal side, Marie is home bred for several generations. Another Clovertop cow, Clovertop Sir Della Sue, was Nominated for All-American 4-year-old, 1960.

REPEATER AT CARNATION

A daughter of Carnation Professor (EX-GM), Carnation Suzy Tilda Letta 3406291 (GP-83), is announced with her third record above 1024 lbs. fat and her second above 1100 lbs. fat. At 8-10 Letta has 26,433 lbs. milk, 4.2%, 1113 lbs. fat in 365 days 3X AR. This follows AR records of 1024 and 1102 lbs. fat at 5-8 and 6-9 respectively. This 1113-lb. producer is out of Carnation Tilda Korndyke Letta (GP), a Carnation Black Magic daughter.

1080 LBS. IN OREGON

Belloaks Governor Maud 3164925 (GP), owned by Rudolph Luscher, West Linn, Ore., is announced with an excellent 10-year-old record. At 10-10 she has 27,134 4.0% 1080 in 365 days 2X HT. Bred by James B. Harrison, Portland, Ore., she is by Carnation Governor Ideal and out of Aaggie Chieftain Lilith.

A NEW YORKER

Niland Star Melissa Ona 3188075 (VG-89), owned by E. R. Hinrichs, Evergreen Farm, Cazenovia, N. Y., has 9-11 365 2X 27,405 3.8 1053 HT. This follows a record at 8-10 of 22,649 lbs. milk, 757 lbs. fat, also HIR, and she has credits in DHIA and HIR of 154,870 lbs. milk lifetime.

Ona is by Eller Farm Winston Sensation Star, son of Montvic Rag Apple Winston who in turn was by Emperor of Mount Victoria and from Montvic Bonheur Dale, one of Pathfinder's famous daughters. Ona came to Evergreen Farm as part of a herd purchased from her breeder, Charles Niles, Morrisville, N. Y. A daughter with 513 lbs. fat in 321 days as a 2-year-old is one of the best of 22 daughters of Sovereign Cochran (VG-GM) in the herd. Another daughter, a bred heifer, is consigned to the 1961 Rag Apple Roundup Sale.

A GLENODEN REPEATER

Suva Ormsby Burke Alberta 3501-196 (VG), owned by Ralph E. Ogden, Glenoden Farms, Mountainville, N. Y., has completed her second consecutive 1000-lb. record on 2X. This time: 8-0 365 2X 26,318 3.9 1035 HT. She made 26,431 milk, 1018 fat at 6-9 and also has two records above 22,000 milk and 800 fat.

Alberta was bred by Richard Beacom, Carmel, N. Y., and is a daughter of Osborndale Sir Piet (G-8MP) and Suva Lochinvar Peachy (VG).

SALLY CURTISS HAS 1028 FAT

Curtiss Candy Sally Curtiss 3742188 (VG), who came to Wisner Farms, Warwick, N. Y., for $1400 as a 6-months-old calf, has finished an HIR record of 27,139 lbs. milk, 3.8%, 1028 lb. fat on 2X in 365 days at 6y 7m. Her previous records:

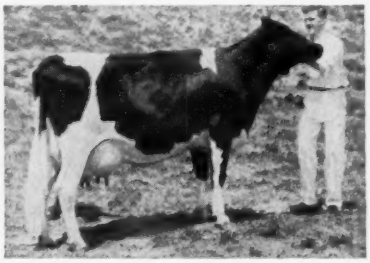
2-5	365	3X	17,090	3.7	636	HT
*3-7	365	3X	26,211	3.7	982	HT
5-4	364	3X	26,496	3.8	999	HT

*New York State Record

Sally Curtiss, bred by Curtiss Candy Co., has a distinguished pedigree. She is out of Curtiss Candy Proud Sally (VG) with 3X records of 1195 and 1175 fat who in turn was by Dunloggin Golden Cross, the double grandson of Lashbrook Pearl Ormsby. Her next dam was Dunloggin Proud Mistress (VG-10621), the daughter of Woodmaster and the 951-lb. three times All-American Dunloggin Elenora. Sally Curtiss is by Pabst Sir Reburke Fobes (VG), full brother to Pabst Sir Regal Fobes. One of her maternal brothers is Curtiss Candy Mr. Deen (VG), a former herd sire at Wisner Farms. Other maternal brothers are Curtiss Candy Invincible (EX) and Curtiss Candy Superb Curtiss (EX-91).

Sally Curtiss was purchased in the 1954 Curtiss Candy Farms Dispersal

NILAND STAR MELISSA ONA (VG-89)
9-11 365 2X 27,405 3.8 1053 HT
Owned by E. R. Hinrichs, Evergreen Farm, Cazenovia, N. Y.



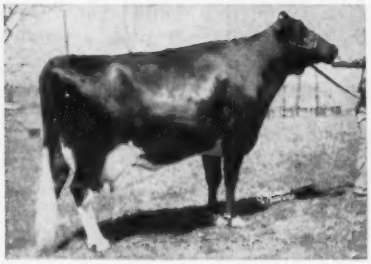
CURTISS CANDY SALLY CURTISS (VG)
6-7 365 2X 27,139 3.8 1028 HT
Owned by Wisner Farms, Warwick, N. Y.

REGISTERED HOLSTEINS

FOUNDATION FEMALES

We talked a little last month about the "Head Man" in our program, how he was bred, etc.; but it is also essential to have power on the female side of the pedigree.

The cows below are a sample of the Queens in our breeding program that have and are transmitting type and production.



HILLTOP GLORIA ANGEL
Excellent 3649177

365d	5-6	2X	17,614	3.9	683
365d	4-2	2X	17,406	3.8	665
365d	2-1	2X	15,602	3.9	609
303d	7-0	2X	15,590	3.8	595
342d	8-0	2X	21,477	3.8	816

This last record was made while being moved 2,000 miles and raised in altitude to 5,000 feet. We have a daughter of her by Osborndale Ivanhoe. She is bred now to "Senator," our senior sire, and is making 3½ lbs. of fat a day.

QUEEN ORMSBY PABST BEV
Excellent 3698107

365d	4½y	21,381 M	705 F
305d	4½y	19,585 M	640 F
365d	5½y	17,584 M	585 F
365d	3y	13,618 M	465 F

Res. All-American 4-yr-old 1957.
1st 4-yr-old and 3rd Best Udder, Waterloo, 1957.
3rd Aged Cow, Waukesha Dairy Show, 1959.
4th Aged Cow, Waterloo, 1958.
Daughters sold at the Sunny Lea Farms dispersal for $2000 and $900.
Now bred to "Mose" and milking heavily.

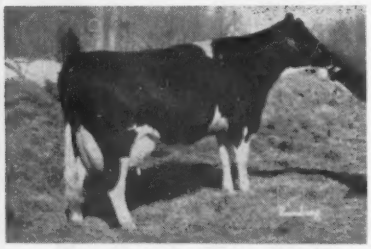
SVF GRETA VAR DICTATOR BURKE 4497714
VG-88 at 2 years.
365d 2X 17,250 M 639 F
Daughter of Weber Dictator Burke (EX), son of Maytag Ormsby Fobes Dictator (EX) from Weber Burke Cricket (EX).
Greta has a daughter in our herd and a young son by Gray View Skyliner.
Now milking over 70 lbs. in her second lactation, with an Excellent udder that will last.

PACLAMAR FARMS

P. O. BOX 26
LOUISVILLE, COLORADO

LARRY SLOAN, Herdsman **(Phone: CA 6-6709)** **DICK BROOKS, Manager**

REBECCA
Now Excellent



KEYSTONE SUN REBECCA (EX)
4y-9m 365d 2X 18,326 4.2% 766 HIR
In current lact. has averaged 102 lbs. milk and 4 lbs. fat for 1st 96ds.
A dtr. of Jonabell Sun (GM).

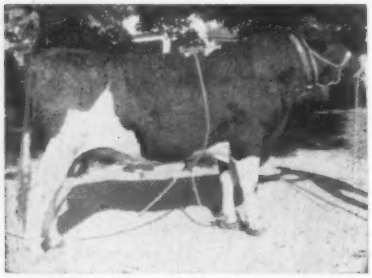
Rebecca's son is the Keystone herd sire. He is Doncroft Sparkie. Res. All-Pa. Sr. Bull Calf, 1959. His sire is Wis Burke Ideal and his calves are nice!

Rebecca was fresh Jan. 15th with a beautiful deep bodied son by Glenafton Drummer (EX-91). A future herd sire you can be proud of. Write today!

Keystone Farm

Route 4 **Easton, Pa.**
D. V. SEIPT - B. L. HINDENACH

His Dam Making Another Great Record



NICOLK S C BOLD CHIEFTAIN VG-87
Our Sr. Herd Sire by Sovereign Cochran (VG-GM)
"Bold's" Dam - VG-87:
Nicolk Bold Chieftain Kandy
6-11 2X 365d 22906 M 4.1% 938 F
and now
7- 2 2X 132d 12570 M 4.1% 518 F
(in progress)
108,600 M 4.1% lifetime to date
2nd dam over 140,000 M to date
3rd dam 128,459 M 3.8%

Home of 100,000 lb. cow families.

NICHOLAS H. KOLK

Maple Knoll Farm — Goshen, N. Y.

as part of a foundation group that went to Wisner Farms, a family operation conducted by Wisner Buckbee and his sons, Wisner H. and Albert W. Buckbee II.

Sally Curtiss has a high record daughter and a son in service at Wisbee Farms. Another son, by Skokie Noel, sold to Trunlan Farms, Millerton, N. Y., for $1500 in the December, 1960, Earlville Invitational Sale.

Techny Zurbridge Schraglea Rea 3814126 (GP), bred and owned by Missionary Sisters Servants of the Holy Ghost, Techny, Ill., has finished with 5-11 365 2X 23,933 4.3 1036 HT. This follows three previous official records including one of 19,802 milk, 833 fat as a sr. 4-year-old. She is a daughter of Zurbridge Admiral Burke (EX-SMP).

1010 FAT IN MAINE

Ernest F. Additon, Greene, Me., is breeder and owner of Ernell Tidy Lad Azilda 3668792 (GP-81) who is announced with 7-3 365 2X 22,454 4.5 1010 HT. In view of her excellent reproductive record, her previous records are also given—all HIR 2X:

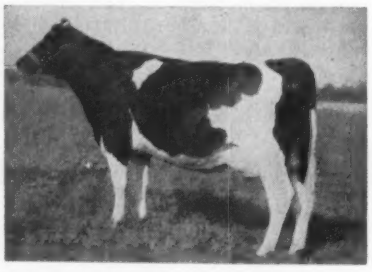
2-0	289	9,740	3.7	362.2
3-1	315	13,783	4.1	566
4-1	318	15,891	4.0	635
5-1	296	16,506	3.9	642
6-1	357	18,661	4.4	812

Azilda is by Kearsarge Tidy Lad (SMP) and from Ernell Pansy Creator Modest (GP).

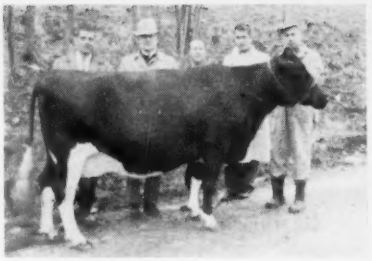
ANOTHER FOR ZIMMERMAN

Zimmerman Alstar Ideal Gay 4415-221 (GP), bred and owned by Lewis A. Zimmerman, Lehighton, Pa., has at 4-10 365 3X 27,023 3.8 1035 AH. This follows records of 932 and 953 lbs. fat as a jr. 2-yr-old and sr. 3-yr-old. Gay and her paternal sister, Eva, stand second and third in both jr. 2-yr-old and sr. 3-yr-old classes in Pennsylvania, 3X HIR.

Gay is a daughter of Zimmerman Royal Star Alan and Zimmerman Panstar Goldie, herself a former Pennsylvania champion.



ZIMMERMAN ALSTAR IDEAL GAY (GP)
4-10 365 3X 27,023 3.8 1035 AH
Bred and owned by Lewis A. Zimmerman, Lehighton, Pa.



LOCHINVAR FOND NIG 4434207 (EX)
Pictured with her shortly following the completion of her 1140-lb. record are, from left, George Vernooy, representative for Wirthmore feeds; Dr. George R. Barrett of the National Holstein Assn.; Al Chaves, Pennsylvania Holstein Assn. assistant fieldman; Obie Snider, Vice-president of the Penna. Assn.; and owner Ralph Sands at the halter.

A FOND HOPE DAUGHTER

A daughter of Spring Farm Fond Hope (EX) owned by Ralph M. Sands, Wyoming, Pa., has become Pennsylvania's highest record 2X cow in HIR. She is Lochinvar Fond Nig 4434207 (EX) with 6-6 365 2X 26,552 4.3 1140 HT. This follows a record of 24,142 lbs. milk, 954 lbs. fat on 2X at 5-3. Nig was bred by George W. Henry, Todmorden, Ont., and is out of a daughter of Montvic Emile Lochinvar. She has not only performed well at the pail but has also been a mainstay of the Sandsdale show string, taking many honors in the ring including Grand Champion and Best Udder at the 1959 Pennsylvania Black & White Show.

In class she succeeds the 1096-lb. Caernarvon Greenwood Ellen 3449879 (VG), owned by Mrs. Mary B. Stoltzfus, Morgantown.

ONE FOR UNH

Another four-figure fat producer is announced on a University of New Hampshire, Durham, bred and owned animal. She is UNH President Athena 3838209 (VG-86) with 6-2 365 2X 24,239 4.2 1015 AH. As a 4-year-old she made 17,612 milk, 720 fat.

Athena is a daughter of UNH Dauntless President (EX-92-SMT) and UNH King Aaggie Rosamond.

AN INDIANA REPEATER

Comet Bessie Mooie Jill 3769698 (VG), bred and owned by Stevenson & Walter, North Salem, Ind., is reported with her second 1000-lb. fat record, giving her official records as follows:

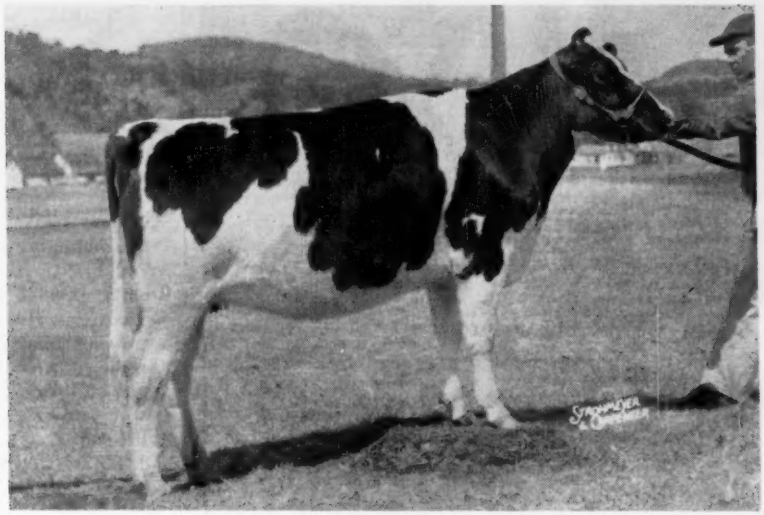
2-8	311	2X	16,495	3.8	629
3-8	365	2X	21,407	3.9	838
5-0	365	2X	27,376	3.9	1074
6-2	365	2X	25,715	4.0	1041

She is a daughter of Pabst Comet Roabar (SMP) and Dean Mooie (GP).

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

Hilda Is Her Name

and she is our consignment to the National Convention Sale at Cleveland, June 8.



MALLARY PRINCESS HILDA
Born October 18, 1958

Her sire: Sisson Queen's Majesty, owned by us in partnership with Glenoden, Mathewsfield, and James M. Osborn, formerly of Whirlwind Hill. Majesty is a son of Lyon Brook Wallie Queen (EX-SMT), out of the full sister to Wallie's dam, Hamaret Queen Prospector (EX) former national champion with 35565 3.7% 1319 2X. Majesty's dam, Hamaret Queen Piebe Prospector (VG) has 23808 3.8% 895 2X at 8 years, and the third maternal sister is a national champion senior three-year-old with 29583 3.8% 1110 2X. Their Very Good, Gold Medal dam has three 2X records over 20,000 milk.

Her dam: **Seiling Rag Apple Hope (GP)**

6-10	2X	365	18522	5.5%	1013
5-8	2X	365	16177	4.9%	798

HOPE, born here, was bought in dam at the First Rag Apple Roundup in 1951. She is a daughter of Seiling Achilles, well-proved son of Seiling Pet King (VG), and the Canadian champion three-year-old, Rag Apple Achilles Daisy (VG) (3y 3X 365 30330 3.68% 1117). HOPE's dam, Seiling Wing Helena (GP), with 2X records to 612, is a daughter of Seiling Pet Commander (VG) out of an Excellent, twice 20,000 pound daughter of Seiling Peach King.

Hilda is due in July to Mallary Audacious (EX-GM) our former senior sire, now in service at Curtiss.

Hilda was a member of our junior get of MAJESTY which was the top ranking New England group at Eastern States Exposition last fall. She has great size, scale and strength, and exceptional udder promise. Her seven nearest dams average: 23,327 3.8% 908. She is our idea of a foundation heifer. We hope that others will like her too.

MALLARY FARM

BRADFORD, VERMONT

Certified - Accredited - Vaccinated **1960 HIR 649 F - 1961 Class. 84 - PBR 1960**

Our Senior Herd Sire

Now Silver Medal Type
29 Dtrs. 2.4 BAA% Increase Over Dams
Son of Our Great Lucille Cow

BAIRDLEA MASTER STANDARD
1256464 (VG-86)
Sons and Frozen Semen Available
Master Standard's sire is line-bred to Dunloggin Woodmaster carrying four crosses to him.
His dam is the highest record daughter of the great Dunloggin Standard who was full brother to Admiral Lauxmont.

HIS MATERNAL SISTER

BAIRDLEA EMPEROR LUCY
3000093 (VG-89)

6y	365	2X	18,520	4.1%	764
11-4	365	2X	18,045	4.2%	750

Lifetime to date 146,000 lbs. milk

P. M. BAIRD & SONS

Bairdlea Farms

CHESTER, NEW YORK

Our Excellent Senior Sire

AGB TRAILBLAZER RODMER J
"Excellent"
Preliminary Proof:

9 dtrs. ave.	15,071	3.79	571
9 dams ave.	14,545	3.82	555
Diff.	+526	—.03	+16

A Proven Son of

Montvic Trailblazer

From A Great Dam

His dam, FRADAVEN INKARNATION MARY JANE, had an eleven lactation total of 114,700 M and 4489 F. She is also the dam of two daughters both over 120,000 lifetime. One daughter has 2X records to 20,472 M and 737 F at 10 yrs. The other has 15,368 M and 604 F at 11 yrs. in 305d on 2X. This is a top family for type, production and longevity.

We would like to have you stop in to see AGB Trailblazer Rodmer J (EX) and the rest of our herd.

AGB Holsteins

Alfred G. Bates & Family, Clove Rd. Montague, N. J.
P. O. Rt. No. 1, Port Jervis, N. Y. - Phone 3-3677

State Records

CALIFORNIA

Beating out the former champion by only one pound fat Clover Crest Magician Fayne 4342620 (GP) has become California class champion with 20828 lbs. milk 4.2% 879 lbs. fat in 365 days 2X at 3y 4m HIR. She is owned by Edward Johnson, Modesto and was bred by E. J. Borger, Manteca, Calif.

The new champion is a daughter of Rosafe Magician (EX-GM) and Clover Crest Neptune Fayne. In class she displaces the 878-lb. Maur-Lind Los Robles Melody 4120770 bred and owned by Maurice Ketscher, Reedley.

CONNECTICUT

By completing a sr. 3-yr-old 2X HIR record of 933 lbs. fat, Broad Rock I Rosetta 4249322 has become a Connecticut class champion. Her complete record: 3-7 365 2X 25243 3.7 933 HT. Rosetta is owned by George & James Augur, Northford and was bred by St. Joseph's Abbey, Spencer, Mass. She is by Curtiss Candy Invincible (EX) and out of Broad Rock Governess Rosemary (GP).

Former champion in class with 930 lbs. fat was Snipsic Superior Cherry Aud owned by Bahler Farms Inc., Rockville.

ILLINOIS

Although making the same amount of fat (827 lbs.,) as the former sr. 2-yr-old Illinois HIR 2X class champion, A F Dahlia Aster Ideal 4795039 now takes precedence as she made 23719 lbs. milk compared with the former champion's 21238 lbs. Ideal's complete record: 2-6 365 2X 23,719 3.5 827 HT. She was bred by A. F. Hornsby and is owned by Arts Farms, Morris, Ill., and is a daughter of Campton Hills Sir Ty Vic Ideal (GP-SMP.)

The previous champion in class was Elmil Rag Apple Dorothy 4694083, owned by Elvin J. Ackerman, Gifford.

Skokie Creation Inka Comet 4291088 (VG) bred and owned by Elmwood Farms, Lake Forest Ill., is a new Illinois class champion in both AR and HIR. Her record: 3-4 365 2X 20493 4.2 859 AH. She is by Skokie Golden Inka (GP-SMT) and out of Skokie Creation Comet (VG).

For class champion in AR she replaces Bollman Olivera Pearl Ormsby 3484217, owned by Hawthorn-Melody Farms, Libertyville, and in HIR she replaces Polly Ormsby Carrie, owned by A. E. & W. S. Bodman, Bement, Ill.

An Outstanding Type Proof For Our Senior Sire
Cochran Sovereign Baron (VG-SMT)

44 Classified Daughters Average 83.7% 105.4 BAA%
41 Classified Daughters Average 83.6% 105.3 BAA%
41 Classified Dams Average 83.0% 103.8 BAA%

Difference + 3.40

COCHRAN SOVEREIGN BARON (VG-SMT) is our son of Sovereign Commander Antonio (VG-SMP) from the "EX" Doncrest Rooker Ideal. A "VG" full sister sold for $5050 and a ¾ sister is an "EX" Res. All-American. His 36 HT dtrs. ave. 13,691M 3.59% and 491F. 44 classified daughters average 83.7% or 105.4% BAA. Baron is a consistent sire of show winning type with beautiful udders.

WRITE FOR A LIST OF AVAILABLE "BARON" SONS

FREEBAER farms

RAG APPLE HOLSTEINS

Fred Baer, owner
HERB ALLEN, Herdsman
BILL LAMPHERE, Manager

Fort Plain, N. Y.

? Why Has *Greenwood Sir Della* Become So VERY, VERY POPULAR?

Because his daughters combine the characteristics so many breeders want:

HIGH PRODUCTION and LASTING TYPE

1. Production-wise the "Dellas" as a group are the top producing cows regardless of the level of the herd average. 82 A. I. "Della" daughters have made 500 lbs. of fat or more:

They average	14,241 M	4.11%	585 F
*Herdmates average	13,076 M	3.82%	499 F
Increase	+ 1,165 M	+ .29%	+ 86 F

ASK THE MAN WHO MILKS ONE ! !

*Herdmates are all cows in herds where "Dellas" are milking, other than Della daughters, that freshened at the same season of the year as the Dellas. His 13 daughters in 7 different herds where the herd average is 550 lbs., average 590 lbs.

2. The "Dellas" type-wise, develop into large, stretchy, upstanding cows with good udders, good feet and legs.

MARYLAND-WEST VIRGINIA BULL STUD

MARYLAND-WEST VIRGINIA BULL STUD

COLLEGE PARK, MARYLAND

Phone: Appleton 7-1414

Serving Maryland Artificial Breeding Cooperative, Inc. and West Virginia Artificial Breeders Cooperative, Inc.

OPEN HOUSE

You are cordially invited to visit with us

Sunday afternoon, May 28th

to inspect

The New Hays Sales Arena

AT TRAFALGAR, ONTARIO

BEEF BARBECUE — 4 p.m. to 6 p.m.

300 Holsteins Selling in Two Big Days

Monday, May 29th

at 11 a.m.

THE NATIONAL SALE

Canada's oldest annual Holstein auction and always one of the year's best with 70 head of selected foundation animals.

(See last two issues for details)

Immediately followed by

WESTMOUNT HERD DISPERSAL

The entire herd of 100 head owned by J. D. Innes of Woodstock, Ont. This is a rare opportunity to take your pick of one of Canada's great home-bred show and production herds.

(See last two issues for details)

Tuesday, May 30th

at 12 noon

OXFORD CLUB SALE

The 12th annual consignment sale sponsored by the Oxford County Holstein Breeders' Club, to be held this year at our new arena. Carefully selected animals from a Brucellosis Certified Area.

(See last two issues for details)

Immediately followed by

NELCREST HERD DISPERSAL

The entire herd of 65 head owned by N. Craig Nelson of Campbellford. One of Eastern Ontario's good breeding herds that achieved much success at the shows and on test.

(See last issue for details)

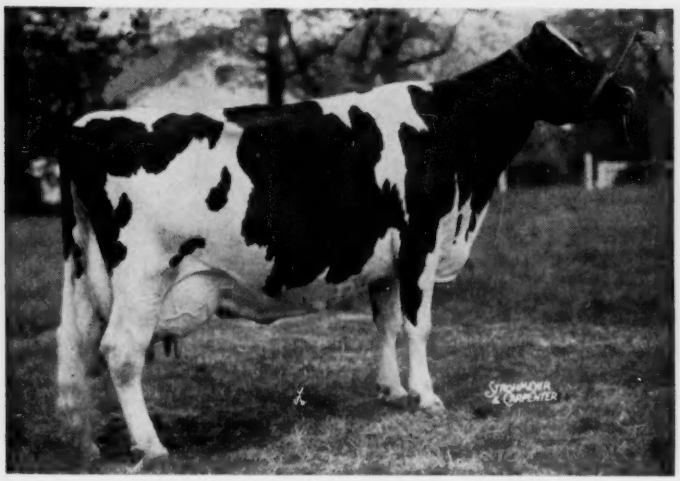
Keep May 28, 29th and 30th open for these events

HAYS FARMS LIMITED — Box 490, — Oakville, Ontario, Canada

Sold To Billit Farm

Dr. & Mrs. W. D. Travis — Evans City, Pa.

Her Two Daughters Now At Billit Farm



INKA PIETJE VEEMAN (EX - 95 - GMD)
All - American Aged Cow, 1955
8½y 339d 2X 22,064 3.8% 840 HT
Breed's first All - American Gold Medal Dam.
Dam of Woodbourne Inka Reflector.

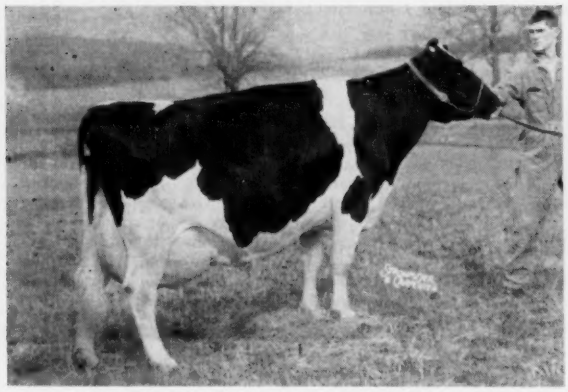
On March 1, 1961, Dr. & Mrs. W. D. Travis purchased 22 cows, 2 heifers and a bull from the top of our Woodbourne herd.

Included in the sale were the two daughters of the great Inka cow pictured. They are Ilse (EX-90) and Iris (VG-88), both sired by Sovereign Cochran (VG-GM).

More animals going to Billit include:

* The Reserve All-Penna. Aged Cow, DICKSONDALE MARY WING (VG-89-557f).
* The All-Penna. 3-Yr-Old of 1958, GLENVILLA RE ECHO ISOBEL (EX-90-490f).
* A 5-yr-old Highcroft daughter.
* A daughter of Seiling Sovereign Achilles, JOLLY SOVEREIGN ACHILLES (VG-87-748f). She milked 94 lbs. of 4.7% milk for tester at Billit.

Also Sold To Billit Farm



BRAITHWELL MARIE BROWNIE (EX)
6-3 2X 18,103 M 3.6% 651 F
She milked 96.7 for the tester at Billit. She is a daughter of Browns Master Pabst and Billit has consigned both her and her March Reflector daughter to the National Convention Sale.

Also included were five daughters of WOODBOURNE INKA REFLECTOR, the ABC Reflection Sovereign son of the great Inka cow pictured. Four were classified as 1st calf heifers at Billit and averaged 84 points with one "VG-87," two "GP-83" and one "GP-82." The dams of these four averaged 81 points.

Also going to Billit were four Family Man daughters, several daughters of Inka Pietje Marksman, Sovereign Cochran and Hays Inspiration. A daughter of ABC Reflection Sovereign was also purchased.

A choice group of cattle was the Topsy family and included 2 daughters and a son of Colantha Topsy Veeman Posch (GP-84), 902-lb. 97% sister to Inka Pietje Veeman. Her Sovereign Cochran daughter is "VG-88" and has 552f at 4 yrs. Her Reflector daughter classified "VG-87" and is starting a top 2-yr-old record. Her son is a full brother to the Reflector daughter.

An interest in the Lakefield Fond Hope son of the Reflector daughter has been sold by Billit to Orson Cook, Pine Plains, N. Y.

Our Best Wishes Go With These Cattle

VISIT →

(Phone: MONTROSE 654)
J. N. EARNSHAW, Owner

WOODBOURNE
EST. 1822
DIMOCK, PENNA.

Heffering's Holsteins News Flash

Classification April 20th — 15 Head Average 86 Points

2 Excellent 8 Very Good 5 Good Plus

(None over 6 Years of Age)

Excellent - 93 Points For Our All - American 4 - Year - Old

MAROY MODEL ABBEKERK (EX - 93)

Our 1960 All-American 4-Yr-Old, Maroy Model Abbekerk, was scored "EX-93" with "EX" in every breakdown as a dry cow. A member of the 1960 All-American Get of Amcana Dictator Model (EX-GM), she is due soon to Osborndale Ivanhoe (VG-GM), the sire of the other "EX" cow in our herd.

Recent Cattle Sales

To CARL HACKENBURG, Neshanic Station, N. J. — 35 purebred Holstein heifers for his newly enlarged herd.

To JOE CHURCH, New Plymouth, Idaho — 20 head of foundation females for the new herd that he is building in Idaho.

To DON KENNEDY, Fountainville, Pa. — 2 well bred Rag Apple cows for foundation for his young herd.

We are in position to help you select foundation females. Write or phone today.

FOR SALE

We have some choice heifers for sale due in July, August, September and October. Also some well bred young cows. Write or phone today and add your name to our growing list of satisfied customers. All inquiries are welcome and we look forward to working with you.

HEFFERING'S HOLSTEINS

DANBORO, PENNSYLVANIA

Phone: Roger 6 - 8501

Our Recent Classification

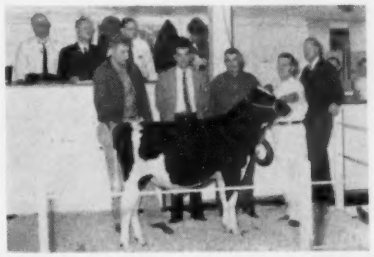
2 "EX" 8 "VG" 22 "GP" 4 "G"

Our daughters of the twice All-American, Hilltop Transmitter Great (EX) averaged over 83 points as 2 and 3 yr-olds.

Thanks To These Recent Buyers

To Douglas Linzer Bedminster, N. J., who purchased cattle at the farm. To George Morgan, Warwick, N. Y. who also purchased cattle at the farm. To Henry L. Landis, Schwenksville, Pa. who paid the 4th high price for our heifer in the Southeast Heifer Sale. To Bruce F & Louise Holck, Newark, Del. who bought our other heifer in the Southeast Sale. To Guillermo Bullrich, Jr., Argentina who purchased two of our top animals in the Earlville Super Duper. To Margaret Peterson, South Montrose, Pa. who purchased another female in the Super Duper. To Pond View Farm, Westerlo, N. Y. who took our fourth entry at the Super Duper.

2nd High Bull at Earlville



DANBORO SKYLINER BELLE BOY
Second high bull at the Earlville Super Duper selling for $1400 to Guillermo Bullrich Jr., of Argentina. Mr. Bullrich also paid $1100 for our daughter of Poestenkill Model Dean in the same sale.

More cattle of same caliber for sale at the farm. Cows sired by Amcana Dictator Model, Hilltop Transmitter Great, Hurlwood Conqueror. Also bred heifers by Great and River Valley T N Pride. Write or phone for information today.

Acc. — Cert. — Vacc. — Class.

PRODUCTION IS A *MUST* AT CANAAN

Here are some of our most recently completed records in HIR:

BURKE CANAAN PRIDE DORA (GP-84)					
4-6	365	21,070	4.0	860	(SA)
HURLWOOD CONQUEROR PANDA (VG-87)					
5-2	337	19,254	4.1	788	
CANAAN ROAMER QUALITA (VG-86)					
8-3	365	20,297	3.8	778	
CANAAN MAN-O-WAR ELSIE (VG-86)					
6-4	365	20,590	3.7	749	
CULVER EMPEROR DICTATOR DOT (VG-87)					
6-6	351	18,619	3.8	703	
CANAAN FOBES COUNTESS VELMA (G)					
3-9	305 (inc.)	17,191	3.9	668	
HAZELRIDGE FOBES DELIGHT (VG-89)					
3-8	348	18,093	3.7	665	
CANAAN ROAMER VERNA (G)					
6-7	365	17,940	3.6	654	
CANAAN ROAMER BERTHA (GP)					
7-1	311	14,342	4.5	650	
CEDAR LAWN CANAAN RAG APPLE (GP-84)					
11-6	365	17,518	3.6	630	
SHADEL COMIC PERFECTION (G)					
6-1	330	17,692	3.5	626	
HURLWOOD CONQUEROR FRAN (GP)					
4-9	312	18,511	3.3	617	
CANAAN MAN-O-WAR FRENCHIE (G)					
4-0	340	15,053	4.0	604	
CANAAN MAN-O-WAR DONNA (GP)					
4-10	335	16,308	3.7	596	
HURLWOOD CONQUEROR MADCAP (VG)					
4-5	348	13,823	4.3	594	
CANAAN ROBURKE NITA (GP-84)					
2-4	339	13,694	3.7	510	

Our herd of 102 head, with an average of 89 in milk, has produced 910,830 lbs. milk in the seven-month period — October thru April. This is an average of 48.2 lbs. per milking cow per day.

We wish to thank Dr. E. E. Judd, Wooster, Ohio, for his recent purchase of 21 bred heifers.

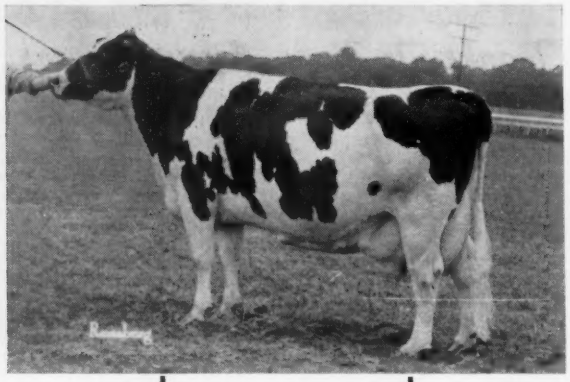
Canaan Farms

PINE MOUNTAIN, GEORGIA
C. B. AVERY

Phone La Grange TU 4-7613
CURTIS B. AVERY, Jr.

I F

Gold Medal Hall of Fame



at

14 years of age

Octoraro Baroness May

Excellent - 92 - G.M.D.

7y	365d	27,946 M	898 F
9y	365d	25,481 M	870 F

Nine Progeny

SONS —

IRVINGTON PRIDE ADMIRAL (EX-92) (S.M.T. +5.60%)
Sensational Proof in Progress!

IRVINGTON PRIDE COMMANDER - 31 calves in our herd look pleasing.

Watch for Sensational Announcement

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

DAUGHTERS —

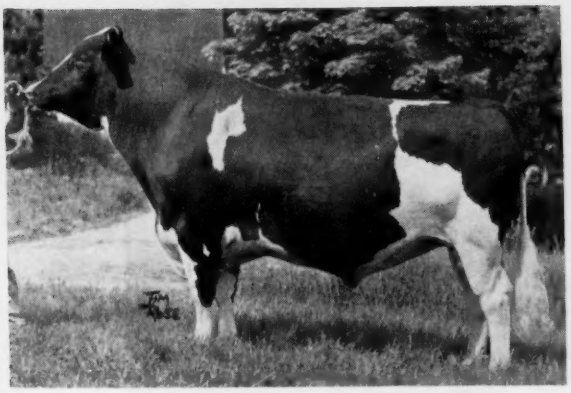
1. Fan-Mar Pietje Ormsby (GP-84) - - over 100,000 lbs. Milk - son for sale
2. Fan-Mar Spitfire Mona (VG) - - 7y 12,520 M 549 F
3. Fan-Mar Echo Mina (VG) - - - 8y 18,842 M 711 F - son for sale
4. Irvington Mistress Mae (VG) - - 6y 17,033 M 605 F
5. Irvington Proud Manda (GP-83) - 4y 255d 2X 14,020 M 528 F (inc.)
6. Irvington Proud Maybelle (VG-89) - 2y 15,480 M 586-F - twice Nom. for All-Am.
7. Irvington Majorette Mabeline (born Oct. 26, 1960) "Could be one of the best."

SPECIAL 50 Bred Heifers for Sale

Irvington Farms

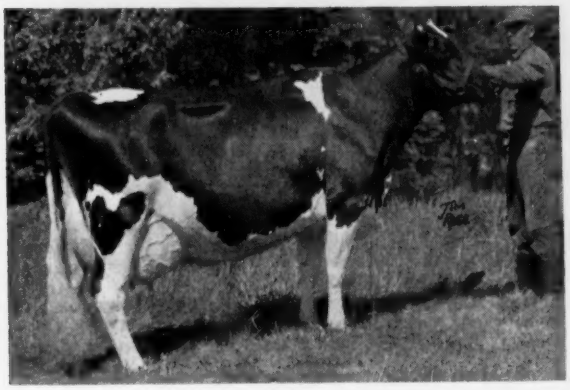
Gaithersburg, Md.

W. L. King & Son, Owners **Duncan Mackenzie, Herd Supt.**



Max . . .

SHEFFIELD SUPREME MAX (EX) came to us for 15,000 in the Sheffield Farms dispersal. He is sired by Rosafe Sovereign Supreme (EX), whose 24 offspring in the Sheffield sale averaged $3,020, he a son of ABC Reflection Sovereign (EX-Extra) from the Excellent "Polly" cow. On his sire's side his seven nearest ancestors are all Excellent!



His Dam . . .

LONELM RAG APPLE MARJORY (EX) was purchased by a syndicate at the Sheffield sale for $18,000. Two sons and a daughter brought $39,000 more! She is sired by the popular "Maple" bull. She has completed 2X records of 1129, 1042, 804 and 510 lbs. fat in her first four lactations, qualifying for 305 days as a 4-year-old with a World Record of 974 lbs. of fat. She is a 4% tester. Her first four records average 200% BCA!

His Full Sister . . .

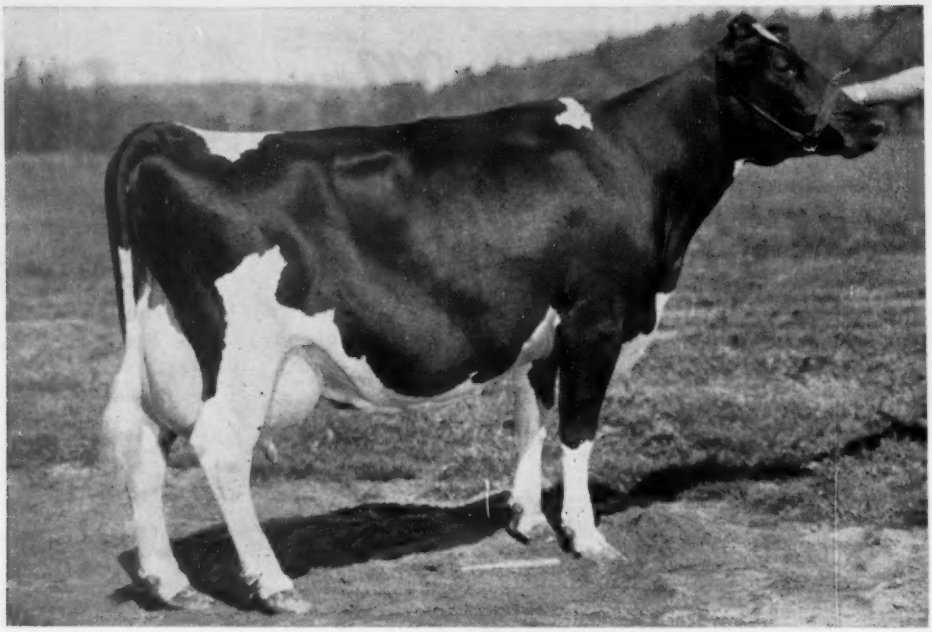
SHEFFIELD SUPREME MARGO
Full sister to "Max" as she was pictured after the Sheffield sale with the syndicate of Ontario and Alberta breeders who paid $8,000 for her!

Frozen semen from "Max" is available at popular prices from the following studs: NOBA, NYABC, PIPER BROS., ROGER JESSUP, and all of the Ontario Units. To put "Max" to work for you, just contact the stud nearest to you. Remember: His 17 young sons and daughters at Sheffield sold for an average of $1323!

BOTTEMA FARMS

Rt. 2, Box 206, Bridgeport, Indiana

C. M. Bottema, Jr., Owner **Phone Terrace 9-6575** **Mark Sheetz, Herdsman**



CARNATION SKYLARK FAVORITE FLO "VG"
5-7 3X 365d 26,460 M 1,095 F 4.1%

OFFERING A ROYAL MASTER SON FROM HER BUTTER BOY DAUGHTER

Carnation Skylark Favorite Flo has just completed a record of 1,095 lbs. of fat 4.1%. She is the 17th daughter of her "Excellent" Gold Medal sire, Carnation Homestead Revelation, to produce over 1,000 lbs. of fat under official supervision and her record is the 22nd 1,000 lb. record by a Revelation daughter.

Her dam, Carnation Favorite Princess, is also "Excellent" and a Gold Medal dam. Skylark Favorite Flo is a maternal sister to Carnation Standout an "Excellent" Gold Medal sire proven in P. F. Friedel's herd at Viola, Delaware and now owned by Badger Breeders, Shawano, Wisconsin. She is a full sister to Carnation Silver Knight a Silver Medal type sire owned by Tri-State Breeders, Westby, Wisconsin. She also has a "Very Good" maternal sister with over 100,000 lbs. of milk.

Dam of the calf being offered is a lovely first calf heifer now on test as a two-year-old. She is a full sister to Carnation Sally Favorite Flo "Very Good" who was Honorable Mention All-American Senior Yearling in 1958 and who made 13,234 lbs. of milk 506 lbs. fat 3.8% as a Jr. two-year-old on 2X milking under loose housing milking parlor conditions.

This is a richly bred calf. The six tested dams in his four-generation pedigree average 1,060 lbs. of fat. Ten of the ancestors in the pedigree are "Excellent" three are "Very Good" and the other, his own dam, is not yet classified.

Write for complete information and price. He is Ear Tag B-668, born March 15, 1961.

Carnation Milk Farms

CARNATION MILK FARMS

Dept. No. 325

Carnation, Washington

Calf Manna FED

Holstein-Friesian World

May 25, 1961

The Rumen Story

Nature's most efficient processing machine still holds secrets of chemistry. Reasons for failure of poor roughage explained.

By GEORGE S. BULKLEY*

Why are we interested in the rumen? Because it is the basis of our modern dairy industry; because it is a more complete, efficient and better-engineered processing machine than anything yet devised by man in all our modern food factories — entirely "automatic" in operation — with no maintenance, labor or depreciation charges. This is why the dairy cow is the most efficient of all farm animals.

A Bit of Philosophy

There is ample proof, that, since the days of Noah's Ark, the benefit derived from rumen processing has been the most important factor in the nutritional and economic welfare of man. Without the rumen — which enables the cow, sheep, goat, camel, deer, reindeer, buffalo, yak, etc. to operate as self-propelled processing plants to convert the natural forage crops of 80% of the land area of the world into human food, and power, and wool, and leather — we would not have been able to feed and clothe the people of the world — and modern civilization would not exisit!

A Lot of Physiology

Other farm animals such as the pig, chicken and dog do have efficient digestive systems of their kind — but, like man, have only one small stomach and are limited mostly to concentrated foods such as cereals, vegetables, fruits and pre-formed proteins. Among non-ruminant animals, only the horse, the elephant and the rabbit can utilize very much fibrous roughage (and with low efficiency). The pig and chicken actually compete with man in the type of food which they require.

Ruminant animals were specifically designed to convert natural fibrous herbage for man's use. To do this job, they are the only animals equipped with a huge fermentation vat located ahead of a normal stomach and digestive tract.

This 3-chambered, flexible processing vat is the Cadillac of all "stomachs." In the cow, it is much larger than the average home hot water tank — it has a capacity of 40 to 60 gallons, and represents nearly one-third of the total body weight.

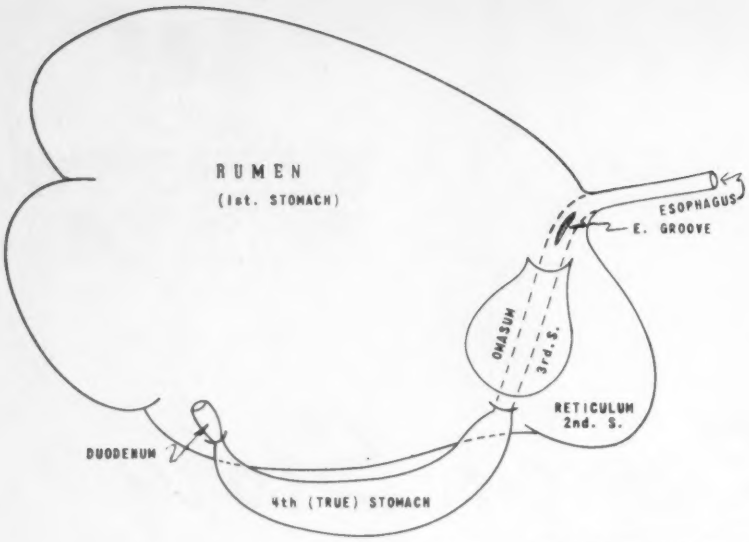
Into this chamber the cow dumps vast quantities of coarse feed materials, plus 20 to 40 gallons of water and up to 15 gallons of saliva, daily. Having supplied all of this, she does no part of the actual digestion in this chamber; she furnishes no enzymes in the saliva, no digestive juices in the rumen. She simply "farms out" this tremendous processing job to untold billions of "slave laborers" in the form of many different kinds of bacteria and protozoans. (A University of Wisconsin bacterial count of one rumen contents showed 1,800 billion per ounce!) One of the harsh "facts of life" in the rumen is that, as fast as each generation of bacteria complete their job of processing, the cow proceeds to digest them for her own uses. This is done in her true stomach and intestines by normal processes.

Operational Mechanics

It is important for us to know the design and mechanics of this equipment. (Refer to the attached outline sketch of the 4 chambers.) The "true" stomach of the cow (Abomasum) is actually the fourth chamber in line—fairly small in size — "normal" in function. The esophagus (gullet) leads from the throat to this 4th stomach. In the baby calf, all its feed in the form of milk and water is delivered directly into the true stomach, which is larger than the other 3 chambers at that age. After a few weeks of growth in the calf, when solid feeds are eaten, the rumen starts functioning and expanding until, in the adult cow, it represents 80% of the total "stomach" volume. As soon as the rumen is functioning, all feed and water dump directly into it.

How do these materials get into the rumen chambers when the esophagus leads directly to the 4th stomach?

Mr. Bulkley is General Director Dairy Extension of the Carnation Company, Los Angeles, Calif.



THE FOUR-CHAMBERED STOMACH OF THE MATURE COW (SCHEMATIC DIAGRAM)

All feed, water, etc., to get into the rumen, must drop out through a slit about 7 inches long in the side of the esophagus, called the Esophageal Groove — and the only way it can get out again is back (up) through this same groove! It is engineered that way so that the roughage has to stay there long enough for the rumen bacteria to digest it thoroughly before the cow takes over.

Everything swallowed is dumped into the fore-part of the rumen chamber —feed, water, and saliva. There must always be plenty of water and liquid to keep rumen contents floating or suspended and in motion. The heavy portions of the feed settle to the bottom — the lighter or drier materials float on top of the liquid in the rumen chambers.

The 2nd stomach (reticulum or honeycomb) is actually a small portion of the large fermentation chamber (the rumen) — located up at the forward end, almost underneath the E. Groove — separated from the large area of the rumen only by a low dividing wall, over which liquid rumen contents can be pushed, like waves lapping over a dike. The reticulum seems to be the operating headquarters or control tower which actually functions as a separation chamber which sorts out and determines where feeds of different consistencies should be transported, in a flow of liquid, to various destinations. Heavy muscles in its walls contract at from 1½ to 3 times per minute — day and night — depending on whether the cow is eating, ruminating or resting.

The Feed Transportation System

When the cow is ruminating, the feed in the rumen is continuously being sorted out and transported in one of three different directions:

ONE — The most common movement occurs at least once each minute — to keep the feed stirred up for full digestion. It begins with a violent pumping action by the reticulum, forcing liquid and feed in big waves back over the drier materials floating in the rear portion of the rumen, continuously wetting and churning these materials. When this wave of peristalsis (muscle contraction) reaches the rear end of the rumen, the large sacs there contract, reversing the wave, squeezing liquid and solid materials from the lower rumen back over the dividing wall into the reticulum for further sorting and transport. This motion continues day and night. All of this time, billions of bacteria are busily clinging to, attacking and digesting feed particles while getting a free ride back and forth and around this huge vat.

TWO — The second type of motion alternates with the first one, day and night, about once per minute — for the purpose of passing "finished" materials out of the rumen and on (through the 3rd stomach) to the 4th or true stomach for final digestion. The reticulum muscles make a sudden contraction which "splashes" a wave of liquid and solids up against the slit called the Esophageal Groove. At the same instant the Groove opens slightly —but also spreads out some finger-like projections along its edges, which screen out any coarse materials, while allowing finely ground feeds, digested particles and compact whole grains to pass into the esophagus and flow downward.

This solid material and liquid remain briefly in the 3rd stomach (Omasum) which is actually only a bulge or sac in the side of the esophagus. This compartment is also called the "many-plies" because of its heavy folds which increase its wall surface area for absorption of digested nutrients —and which also furnish a squeezing and abrasive action before passing the solid materials on to the 4th, or true stomach where normal digestive juices take over the final job of digesting the bacteria and other remaining nutrients.

THREE — The third route taken by feed occurs only when regurgitation and cud-chewing is in operation. After the cow has eaten a lot of new feed and dumped it into the rumen, with very little chewing, she then relaxes and takes over the tedious job of re-chewing the coarse fibres. When she gives the "signal" to the busy control tower in the reticulum, the muscled walls again pump a wave of liquid and coarse material up against the E. Groove.

But this time the groove opens without the screening fingers — so coarse material is washed into the esophagus! Simultaneously, the cow expands her chest, creating a vacuum or upward suction in the upper esophagus, which carries the whole charge up into her mouth. She queezes out the water, re-swallows that, chews the coarse feed 40 to 60 times, returns it to the rumen through the E. Groove— and calls for the next cud. On full roughage feed, this cud chewing requires 7 or 8 hours per day. This rechewed and macerated materials offers many more "fractures" and more open surface area to allow the bacteria and their enzymes to enter and do a much more complete job of digestion in the few hours that it remains in the fermentation process.

It is very important to note that poor quality hay — old and woody (late cut) has its nutrients so shielded and covered by indigestible lignin that the bacteria cannot do a complete job of breaking it down. When such coarse material is not disintegrated and "processed" after one cud-chewing, it must continually be sent back for more chewing. Not only does this cause loss of energy from the labor of chewing, but it means that this stuff cannot pass out of the rumen in normal time. (Such material may remain

in the rumen as long as 60 hours instead of 6 or 8 hours.) The rate of flow of digestion of new feed is retarded because the rumen remains too full of bulk. The cow is forced to cut down her daily intake of such forage to match its slow speed of outflow.

Then we say: "this hay is unpalatable, so we will pour molasses on it and she will like it better." What happens? Of course, the bacteria love the molasses — and if there is enough of it they find it such "easy living" that they get too lazy to work hard on the old hay — and, in any case, we still have indigestible fibres slugging the rumen and causing decreased intake. We must remember — when the cow eats too little roughage for most economical production, we have to make up the shortage of nutrients with concentrates, at higher cost, to hold her production and body weight.

The Chemistry of Digestion

Many amazing chemical processes are completed solely by the rumen bacteria. Some of the process "secrets" have been solved by chemists, but many other processes are unsolved, as to cause, effect, or control. Researchers are continually searching for these answers.

For this purpose hundreds of cows and steers in experiment stations carry on a normal existence today even though in each one a simple operation has created a permanent opening (called a fistula) directly into their rumen through the thin wall of skin and muscle tissue just forward of the left hook bone. These fistulas are fitted with large metal, bolted or screwed caps through which researchers can put in or take out samples of rumen contents at any time.

Most Labs also carry on simulated rumen fermentation experiments in artificial rumen apparatus. This technique was put to use in a practical project last year, at Mass. Agricultural College, in a mass program in which, by 24 hour digestion trials in artificial rumen tubes using fresh rumen liquid from a living cow, they determined the "dry matter digestibility" on samples of hay and silage from hundreds of dairy farms in that state, as a service of the Extension Department.

The latest technique is to use an actual "living" rumen removed from a cow, but kept alive and functioning by a flow of the host cow's blood through an artificial heart and lungs. New facts (and theories) about the amazing rumen processes are being discovered each year, and some old theories being disproved. Therefore—keep in mind that some of the "facts" and theories reported herein (in 1960) may be proven false in later research.

The Three Major Functions of the Rumen

There are 3 major processes accomplished in the rumen — most of which are not possible in the digestive systems of non-ruminants — all of which are accomplished by bacterial fermentation.

FIRST: The synthesis (manufacture) of high-quality, "animal" PROTEIN, including the actual synthesis of all 10 of the "essential" amino acids (protein building blocks) from poor or "incomplete" vegetable proteins, and even from non-protein nitrogen sources such as urea. This is of great importance because we do not need to furnish any "high-quality" protein to the cow. Furthermore, if it were not for this rumen process, there just would not be sufficient complete protein (with all essential amino acids) available in the world to supply the minimum needs of man and non-ruminant animals! We must remember that protein is a basically important nutrient, both for tissue growth and repair, for manufacture of milk solids, and for many of the important bodily processes. Its distinguishing element is Nitrogen, a very scarce and high-priced item — in available form. Nitrogen is also our highest priced fertilizer, for which demand increases each year.

Yet vast quantities of nitrogen envelop the earth, comprising about 60% of the earth's atmosphere, and we are making use of this "free" source in two ways: the bacteria on the roots of legumes seize this nitrogen from the air and fix it in a form which they make available to legume plants, thence on to livestock or man. The other way is to "fix" this atmospheric nitrogen by using vast quantities of electrical energy, combining nitrogen with carbon-dioxide to produce a solid called urea. This is the basis of many of our modern fertilizers. Also, because of the ability of the rumen bacteria to use as much as one third of their nitrogen needs in this form, 75,000 tons of urea were fed to ruminants last year as a substitute for normal protein feeds. The rumen bacteria combined this urea nitrogen with other elements of common feed to produce complete proteins for us.

SECOND: The synthesis of every one of the important B-COMPLEX VITAMINS, including B-12, the famous anti-anemia substance. This means, also, that we do not need to supply these vitamins to the cow at all because the rumen bacteria make them all for her. These B Vitamins are absolutely essential to all animals and man.

This is one of many reasons why the diet requirements of ruminants are so very much simpler (and cheaper) than those of any other animals. In formulating complete rations for poultry and pigs, for example, it is a very complicated job of supplying — some in various feed stuffs — and some mixed as "additives" in minute quantities — all sorts of vitamins, amino acids, trace minerals, hormones, enzymes, antibiotics — and in the proper ratio of each without shortage or imbalance — and the avoidance

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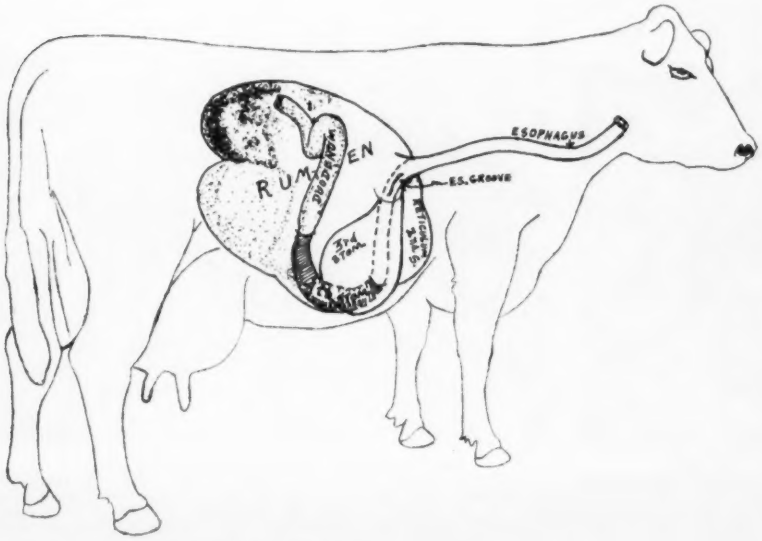

The Canby Sale Averages $770

CATALOG SUMMARY

32 Females 2y & Over (2 calves under 3 mos. s.w.d.)	$32,255	$820.47
8 Bred Yearlings	5,010	626.25
4 Open Yearlings	1,850	462.50
11 Heifer Calves Over 3 mos.	6,300	572.73
4 Bulls over 3 mos.	5,560	1,390.00
59	$45,430	$770.00

The J. O. Canby Greenwood Farm Sale Monday, April 24, Langhorne, Pa., attracted a large crowd interested in the foundation Dunloggin animals available that day. Six states and Argentina were represented in the buyers' column with more states and another South American country in the non-successful buyer ranks. Two tents were required to handle the nearly 1000 people on hand.

The sale started at 12 noon sharp with the senior herd sire Mistyvale Master Duke leading off at $4,000 for the top price of the day. He was purchased by Southeastern Pennsylvania ABC, Lancaster, Pa. The sale moved briskly throughout under the astute management of R. Austin Backus, Inc., Mexico, N. Y. and the Pennsylvania Holstein Association.

Thirteen head in all sold in the four-figure bracket. The thirty-two milking age females averaged $820. The highest priced female at $2000 was the former State Champion Junior 3-year-old, Greenwood Lady Shirley (VG-87), with 808 lbs. fat. She is a daughter of former herd sire Budd Farm Lauxmont Master and is a granddaughter of one of the two cows with large families in the herd, North Star Sheila Adella. She was the only purchase of John S. Lanning's Berwick Creamery Farm, Berwick, Pa. Her two-year-old daughter by Green wood Master Della brought $1000 from Col. John C. McLean, Warwick, N. Y. Shirley is due in June to the senior herd sire.

The second high priced female at $1625 was Caernarvon Ruby Curtiss Candy (VG-87), an 816-lb. daughter of Curtiss Candy Woodmaster out of a Greenwoodmaster daughter. She was one of two purchases made by Robert H. Johnson, Wyckoff, N. J., a student at nearby Delaware Valley College of Science and Agriculture.

Sr. Guida Di Tella, "Los Nogalas", Buenos Aires, Argentina, S. A., was the largest buyer of the day taking five head for $5425. Although not present himself he was very ably represented by P. B. Misner who knows the Greenwood herd well. Mr. Misner's top selection at $1500 was Greenwood Lady Shira (GP-83) with 528 lbs. fat at 2 years and one of the choice young cows in the sale. She is a Master daughter out of Greenwood Gracious Shira (VG-86) 756-lb. daughter of Skokie Great Ovation and North Star Sheila Adella. At $1225 was the eye catching Greenwoodmaster daughter, Greenwood Mistress Pearlette (VG), and at $1000 was Greenwood Gay Ruby, a striking black seven-month-old Ivanhoe daughter of the $1625 cow.

Alpheus L. Ruth, Vista Grande Farm, Fleetwood, Pa., made his first female purchase in 13 years taking the great Dunloggin Follow On 11-year-old daughter, Meadow Springs Dunloggin Pabst (VG-88) with 654 lbs. fat at 9 years. The price was $1450 for this paternal sister to the present Vista Grande senior herd sire. James O. Reed, Reedsville, Pa., paid $1225 for her lovely five-month-old Ivanhoe daughter.

Other four-figure animals were Greenwood Lady Beauty (GP), at $1050, a Master daughter with good first calf record in progress and a daughter of the $1000 632-lb. Greenwood De Ormsby Beauty. Lady Beauty is now owned by Frank L. Stewart, Jr., Latrobe, Pa., and her dam by E. Owen Pool, Clarksboro, N. J. They are of the Cemerald Family.

Charles A. Koontz, Jr., Bedford, Pa., took the sharp black bull calf Greenwood Matador at $1025, he by Duke and out of the first female sold (to Di Tella for $950), Greenwood Mistress Madam (GP-687f).

The only other $1000 animal was Greenwood Lady Buff a bred heifer out of Greenwood Gracious Butterfly (VG) with 818 and 812 lbs. fat. She was one of two purchases by J. Merton Van Sant & Sons, Doylestown, Pa., and is due in October to Duke.

Most of the remainder of the animals were sold one to a customer,

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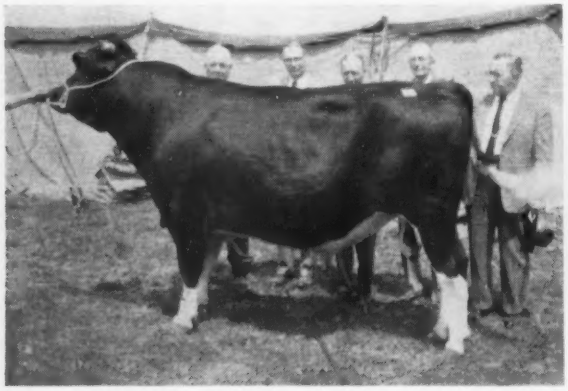
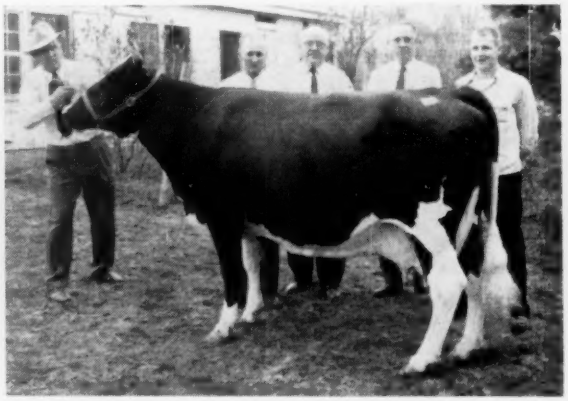


MISTYVALE MASTER DUKE (VG-89)
$4,000 top of the J. O. Canby Greenwood Farm Sale, purchased by Southeastern Pa. ABC, Lancaster, Pa. Mr. Canby is in the center of the group; the members of Southeast's Holstein Sire committee from left are: Ivo V. Otto; David Yoder, manager; William Reid and Earl Groff.



GREENWOOD LADY SHIRLEY (VG-87)
$2,000 top selling female at the J. O. Canby Greenwood Farm Sale. At halter is W. D. Fairchild. Next from left are: J. O. Canby; John S. Lanning, owner of Berwick Creamery Farm, buyer; Prosper Confair and W. S. Balliet, also of Berwick Creamery Farm, Berwick, Pa.

The Canby Sale As Covered by WORLD Camera

SERIOUS SUBJECT
G. A. Burdick (left) with R. Austin Backus and Raymond Wilt.

ENJOYING THE SPRING SUNSHINE
The ladies are Mrs. R. Austin Backus, Mrs. Leon A. Piguet, Mrs. F. M. Wigsten, Mrs. Oakleigh W. Jauncey (all of New York), and Mrs. Joseph Bechtel of New Jersey. The gentlemen are Executive Secretary R. H. Rumler, R. Austin Backus, Mr. Jauncey of The Hedge, National Director Wigsten, and National President Piguet.

THE SHOW CROWD
Mr. and & Mrs. Hugh (Bill) Briggs of Brigeen Farms in Maine; Mrs. R. Peter Heffering, Albert Smith of Smitholm Farm, Pa.; and Mr. Heffering, Danboro Holstein Farm, Pa.

THE MICHIGAN DELEGATION
G. A. Buth, Willard Schafer, Howard Wilkie, John Buth (Creston Farms), and Jack R. Budd.

THE OWNER AND OTHERS
J. O. Canby, master of Greenwood Farm; B. Olin Backus; and George Newlin, manager of Hill Girt Farms, Pa.

MANAGERS AND OTHER NOTABLES
Clarence Lyons of Pa.; President Wm. Conyngham of the Penna. Holstein Assn.; Horace A. & B. Olin Backus; Roy Miller, Lime Rock Farm, Pa.; R. Charles Backus; Hubert S. Miller, also of Lime Rock Farm; and Col. J. C. McLean of New York.

Robert S. Barr
National Champion Holstein Boy from Port Matilda, Pa.

Sandra Faye Weiss
National Champion Holstein Girl from Myerstown, Pa.

Edward J. Doeberiener
National Holstein Records Winner from Jefferson, Wis.

The National Holstein Champion Youth

Robert S. Barr

A Pennsylvania State University student who helped deliver the 1960 4-H Report to President Kennedy has been named National Champion Holstein boy by The Holstein-Friesian Association of America.

Robert S. Barr, Port Matilda, Pa., built a herd of 24 registered Holstein cattle and total assets of nearly $42,000 during his pre-college years in both 4-H and FFA work.

He topped a field of 23 entries from as many states in competition for the annual award representing one of the two highest recognitions in the national Holstein organization's 30,000-member Junior Program.

His victory follows the naming of another Pennsylvanian, Sandra F. Weiss of Myerstown, as National Champion Holstein Girl and gives the Keystone State its first clean sweep in the program's 39 year history.

Other finalists in the boys' division were Edward J. Doeberiener, Jefferson, Wisconsin; Leslie G. Howard, Dundee, Illinois; Horace R. Fields, Purcellville, Virginia; and William A. Dersham, Brighton, Colorado.

Barr is the 18 year old son of Mr. and Mrs. David S. Barr of Port Matilda, Pa.

When only 12 years old, he borrowed money from his local bank to purchase two outstanding heifers in the National Convention Sale at Harrisburg in 1955.

Both cows and their descendants are members of the herd from which young Barr sold more than $7,000 worth of milk and nearly $2,800 worth of registered breeding stock in 1960.

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Sandra Faye Weiss

A Pennsylvania State University co-ed who built a herd of registered Holstein cattle valued at more than $5,000 during a star-studded nine-year career in 4-H dairy projects is the National Champion Holstein Girl.

Sandra Faye Weiss, 19 year old daughter of Mr. and Mrs. Howard Weiss, Myerstown, Pa., topped a field of 20 contestants from as many states in the annual competition sponsored by The Holstein-Friesian Association of America.

Finalists in the girls' division were Madolin Z. Cook, Conventry, Conn.; Mary Ellen Grove, Hagerstown, Md.; Rachel L. Norman, Purcellville, Va.; and Geraldine A. Phelps, Webster, N. H.

As National Champion, Miss Weiss will attend the 76th annual convention of the Association at Cleveland, Ohio, June 5-8, where the actual presentation will be made.

Her trip will be jointly sponsored by the national organization and the Pennsylvania Holstein Association. The latter group nominated her to the championship competition as a follow-up to her designation as State Champion in 1958.

"Sandy" Weiss, in her own words "bashful at the time," joined her local 4-H Dairy Club in 1952 — reluctantly and at the urging of her parents.

Her early lack of enthusiasm disappeared with the acquisition of "Patty" —a registered Holstein heifer calf frisky enough to be a real handful for a 10 year old girl.

But Howard Weiss had selected well. Under Sandra's diligent handling and care, the calf soon became a

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Edward J. Doeberiener

Edward J. Doeberiener, 21, Jefferson, Wis., captured the $50 cash award as National Herd Records Champion by topping a field of 42 young Holstein breeders from 24 states in this annual competition.

Judging was based on completeness and accuracy of the breeding, feeding and production records needed in intelligent herd management.

Doeberiener was also one of four finalists in the concurrent contest for selection as National Champion Holstein Boy.

He was nominated for both awards by The Holstein-Friesian Association of Wisconsin following his selection as State Champion Holstein Boy.

The records winner started as a town boy who became interested in 4-H through part-time work on an uncle's farm.

In 1953, with his brother, Richard, he bought his uncle's stock and equipment. The partners now operate 183 acres on a cash-rent basis.

They have a herd of 53 Holstein cattle — 35 of which are registered and are building toward an all-registered herd.

Last year, their 30 cows completed DHIA records averaging 14,237 lbs. milk and 540 lbs. fat. The herd made an equally creditable showing in type classification.

Edward, now active as a 4-H Leader, completed projects in sheep, hogs, beef cattle and conservation in addition to his dairy work.

He is a graduate of the University of Wisconsin Farm Short Course and a Past State President of the Future Farmers of America.

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The Finalists

Leslie G. Howard
Illinois

William A. Dersham
Colorado

H. Ralph Fields, Jr.
Virginia

William A. Dersham

William A. Dersham of Brighton, Colorado's top Holstein 4-H boy, was one of four finalists in the national contest conducted by The Holstein-Friesian Association of America.

Bill, 17 year old son of Mr. and Mrs. William D. Dersham, is the youngest of the finalists. After seven years of 4-H dairy work, he has 12 purebred Holsteins registered in his own name. Last year, he sold more than $2,000 worth of milk from his seven cows.

To date, young Dersham has shown five of his animals to grand championships at the Adams County Fair. One of them went on to similar honors at the Colorado State Fair.

In the process, he was named champion dairy showman at the 1960 State Fair following four similar county awards.

Bill has also taken part in four demonstrations of approved dairy practices and judged on county dairy cattle and livestock teams.

In addition to his dairy work, he has completed several projects in beef cattle and sheep production and is currently serving as a Junior 4-H Leader.

Now a student at Brighton Senior High School, he is active in Vocational Agriculture work and is a member of the track team.

H. Ralph Fields, Jr.

Horace Ralph Fields, Jr. of Purcellville, Virginia's Champion Holstein Boy, is another of the finalists.

Fields' designation as a finalist follows the similar ranking of Rachel Norman, also of Purcellville, in the girls' division of the National Holstein Junior Program.

The 19 year old son of Mr. and Mrs. Horace R. Fields, Sr., has compiled an outstanding record in both 4-H and Vocational Agriculture dairy projects.

Starting with a single heifer calf, he has developed a herd of 24 registered Holsteins, 20 of which are of his own breeding.

Last year, young Fields sold more than $9,000 worth of milk from 13 cows averaging 14,225 lbs. milk and 532 lbs. fat on DHIR test. Receipts from sales of breeding stock brought an additional $900.

Although active in virtually all phases of dairying, the young Virginian has been particularly successful in the show ring.

He has won top showmanship honors in his division at the Northern Virginia 4-H Dairy Show on three different occasions.

In 1959, his Junior Center Field Trustee 4493840 won at several local shows and went on to the National Holstein Show at Waterloo, Iowa, where she placed fourth in a class of 49.

"Trustee" was the first Virginia Holstein ever to show at Waterloo. She was later named Reserve Junior All-American Senior Yearling.

Fields was a member of a Louden County 4-H Dairy Cattle Judging Team that placed first in a state-wide contest in 1958 and the winner of the Northern District Tractor Driving Contest in 1960.

He is currently serving as vice-president of both the Lincoln Senior 4-H Club and the Louden County Dairy Club and as Junior Leader of the 4-H Tractor Maintenance Program.

Leslie G. Howard

Leslie G. Howard of Dundee, Illinois' top Holstein boy, is also a finalist.

Leslie, 20 year old son of Mr. and Mrs. Robert B. Howard, compiled a brilliant record of achievement in both 4-H and Vo-Ag dairy projects.

Prior to a partial dispersal, necessitated by the expiration of a lease on some rented acreage adjoining the family farm last year, he had 27 purebred Holsteins registered in his own name.

With returns from the auction figured in, young Howard sold more than $12,500 worth of cattle in the past year. In addition, he cashed milk checks totalling over $3,400.

Now rebuilding his herd, he has 12 registered Holsteins conservatively valued at more than $5,300.

During his career in the Holstein Junior Program, Howard developed nine show animals outstanding enough to be nominated in the annual Junior All-American selections. Several of them also took All-Illinois honors.

He won showmanship awards at the Kane County Fair and at both the Tri-County and State Black and White Shows. He also took top honors in a state-wide showmanship contest sponsored by the Future Farmers of America.

While enrolled in the latter organization, he was a member of a gold

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Madolin Z. Cook
Connecticut

Geraldine A. Phelps
New Hampshire

Mary Ellen Grove
Maryland

Rachel Lynn Norman
Virginia

1960 ANNUAL REPORT—Part IV

The Advanced Registry Department

It is the Advanced Registry Department which handles the details of all of the Association's breed improvement programs: the three official production testing programs, A.R., HIR and DHIR, the type classification program, and the recognition programs for breeders, for sires, for dams and for cows with high lifetime production records.

Participation in our official testing programs is now higher than ever before, with 112,413 cows and 2,903 herds enrolled at the end of 1960. In spite of the fact that the enrollment in both AR and HIR decreased, there was an increase of 315 herds and 13,600 cows during the year.

The Dairy Herd Improvement Registry program has been growing rapidly. The number of herds enrolled in this program rose from 336 to 968 during 1960 and the cows enrolled increased from 12,278 to 33,041. The number of HIR herds decreased from 2,204 to 1,900 and the AR owners from 48 to 35. The HIR cows dropped from 85,487 to 78,621 and the AR cows from 1,048 to 751.

The number of herds and animals classified for type totaled 2,651 and 55,096, respectively, slightly less than the all-time high figures established in 1959.

High Records

Numerous National Leader Records were completed in 1960. The high producing ability of Registered Holsteins is again emphasized by these noteworthy records.

PRINCESS BREEZEWOOD R A PATSY 3816059 (VG), owned by Gelbke Brothers, Vienna, Ohio, completed the highest butterfat record ever made by a Holstein on official test. Milked twice-a-day on HIR test she produced 36,821 pounds milk, 5.1% and 1,866 pounds butterfat in 365 days starting at 5 years and 2 months of age.

SAMMY REMER OLIVER 4173854 (VG) completed the top junior-three-year-old record on HIR test for cows milked twice a day. Her record was 23,847 pounds milk, 4.8% and 1,142 pounds butterfat in 365 days. She is owned by the S. M. Austin Estate, Columbus, Wisconsin.

ZIMMERMAN ROYAL PANSTAR PRIM 4685558 (G), owned by Lewis A. Zimmerman, Lehighton, Pennsylvania, now leads the senior-two-year-olds in Advanced Registry and Herd Improvement Registry for cows milked three-times daily. In 365 days she made a record of 24,785 pounds milk, 4.0% and 981 pounds butterfat.

ZELDENRUST MISTRESS ROXANN 3998939 (EX) set a new butterfat mark for junior-four-year-olds milked three-times-a-day on HIR test. She produced 35,578 pounds milk, 4.6% and 1,636 pounds butterfat in 365 days for her owner, Ray Bottema, Beech Grove, Indiana.

The following cows completing National Leader Records in the "Grandma" classes:

CREATOR RAG APPLE LOCHINVAR 3324816 (VG) a fifteen-year-old owned by Sunny Vale Farms, Lafayette, New Jersey, completed an HIR record of 25,190 pounds milk, 3.8% and 961 pounds butterfat in 365 days on twice-a-day milking.

MINNOW CREEK EDEN DELIGHT 2494802 (EX) at 16 years of age produced 22,269 pounds milk, 4.0% and 890 pounds butterfat in 365 days on twice-a-day milking. Her record marked a new high in both milk and fat classes for sixteen-year-olds on AR test. Her owner is Meadowfarm Dairy, Orange, Virginia.

PABST BURKE CASCADE BELMONT 2479482 (VG), owned by Pabst Farms, Inc., Oconomowoc, Wisconsin, also won dual honors. As a fifteen-year-old on AR test she completed the highest milk and butterfat record for cows of this age milked three-times-daily on AR test. Her record was 23,710 pounds milk, 4.2% and 995 pounds butterfat.

Lifetime Producers

The most profitable dairy cow is the one that maintains a high level of production over a long period of time and reproduces regularly. Holstein cows of sound type, assisted by good management, have the ability to accumulate big lifetime records. A very high percentage of all cows with lifetime production of 100,000 pounds of milk or more are Holsteins.

As a general rule, the first two lactations are required to pay for the cost of raising a heifer to producing age. After that, if she is a creditable producer, she returns a profit to her owner. Consequently, a high lifetime record is one of the indications of a cow's real value. Our breed is strong and getting stronger in this area of leadership.

At the end of 1960, 12,890 Holstein cows had official lifetime records of more than 100,000 pounds of milk.

Clearing a few details in the Advanced Registry Department are, from left, Charles J. Larson, Asst. Supt. of A. R. Dept.; Dr. George R. Barrett, Supt.; and Abbott C. Fisher, IBM Supervisor.

This group included 1,322 that had exceeded 150,000 pounds, and 130 "Iron Grandmas" with over 200,000 pounds.

The leading lifetime producer died during the year, at the advanced age of 21 years, 8 months, after producing nearly 300,000 pounds of milk. Korndyke Beets Jannek Segis 2065418 (VG) had final credits of 299,459 pounds of milk and 10,748 pounds of butterfat. The leading butterfat producer for the breed is Minnow Creek Eden Delight 2494802 (EX) with 267,309 pounds of milk and 11,517 pounds of fat through December 31, 1960. She is still producing at 18 years of age.

Herd Improvement Registry

After 30 years of steady growth of this testing program, the numbers of herds and cows enrolled began to decline in 1959. This decline continued through 1960 at an accelerated rate. The number of herds enrolled at the end of the year dropped to 1,900, a decrease of 304 from a year earlier. The cows enrolled at year end and numbered 78,621, a decrease during the year of 13,600.

Most of the herds that discontinued HIR testing did not drop official testing work. More than 250 of them transferred to the DHIR program. It is expected that this trend will continue at an increasing rate.

Lactation average certificates were issued for 2,435 herds, with five or more lactations, enrolled in either HIR or DHIR. The 90,056 lactations completed in 1960 by cows on official test average 13,613 pounds milk, 3.70% and 503 pounds fat on a 305-day, 2X, Mature Equivalent basis. This represents no change from last year, due partially from the increase in the number of animals and herds included in the average.

Dairy Herd Improvement Registry

This testing program was officially adopted by the Association in 1959 to become effective January 1, 1960. It closely resembles the older DHIA Acceptance program, which served as a model for its development.

Growth of this program has been quite rapid. Two years ago only 107 herds with 4,039 cows were enrolled which represented only four per cent of the total herds and cows on official test. One year ago, 336 herds and 12,278 cows were enrolled representing 12 per cent of the cows on official test. At the close of 1960, there were 968 DHIR herds and 33,041 DHIR cows, which made up 33 per cent of the herds and 29 per cent of the Holstein cows on official test.

In many states it is possible to officially test a herd under this program at somewhat less cost than for HIR testing. Except for the fact that the published DHIR record is limited to 305 days, there is no difference in the way HIR and DHIR records are used by the Association. Consequently, we expect a continued rapid expansion of the DHIR program as more herds are transferred from HIR. During the past year about 40 per cent of the herds enrolling in DHIR had transferred from HIR.

Advanced Registry Testing

This form of testing continues to decline. Only 35 owners had 751 cows on test at the close of 1960, a decrease of 13 owners and 297 cows during the year.

In 1960, there were 875 AR records completed, which was 480 less than the number completed in 1959.

Herd Classification

After several years of rapid expansion this program levelled off in 1960. The number of herds and animals classified was somewhat less than in 1959 when the numbers far exceeded all previous years. The number of animals classified in 1960 may have been reduced somewhat by the fact that programs in many areas are now scheduled on a more frequent basis than in former years.

Participation in this program is a requirement for Progressive Breeders Registry recognition and is required for the recognition of animals as Gold Medal Sires or Gold Medal Dams. The program is also of value to breeders in planning their breeding programs, in culling their herds and as an aid in selling surplus breeding animals.

In 1960 there were 2,651 herds classified, 141 less than the high mark of 2,792 classified in 1959. The number of animals classified was 55,906, a decrease of 1,098 from the total for 1959.

Elsewhere in this report is a statistical summary of classification work for each year since 1929, the year the program was started. The 55,906, animals classified in 1960 were distributed as follows:

Classification	Number of Animals	Percent of Total
Excellent	369	.7
Very Good	5856	10.5
Good Plus	25054	44.8
Good	21195	37.9
Fair	3334	5.9
Poor	98	.2

Group classification programs are now available to breeders throughout continental United States at intervals of about sixteen months. Nearly all herds classified in 1960 were classified in conjunction with these group programs but a few breeders preferred to pay the higher costs for individual herd classifications at other times.

The Association continued to cooperate with artificial breeding organizations, by classifying random groups of the daughters of 60 sires in three bull studs, to better evaluate these sires' type transmitting ability. Two thousand and eighty-eight cows were classified in connection with this program.

An additional full-time Official Inspector was added to the staff in May. Six full-time and one part-time Inspectors were engaged in classification work throughout most of the year. Two classification conferences were held, to maintain the high degree of uniformity for which our program is noted, by giving the men an opportunity to work together and discuss their work.

Sire Recognition

Sires can now qualify automatically for Silver Medal Production and Silver Medal Type Sire recognition, and thereby become eligible for recognition as Gold Medal Sires.

Silver Medal Production Sires must meet minimum standards through their Daughter-Dam Comparisons for production. No application or fee is required.

Silver Medal Type Sires are given automatic recognition if their Daughter-Dam Comparisons for type meet the minimum requirements. The alternate rules, providing for consideration of sires upon application, were in effect also, but were made somewhat more stringent.

Gold Medal Sire recognition was given 55 sires in 1960, all of which had qualified for Silver Medal recognition for both type and production.

Dam Recognition

Cows may be recognized as Gold Medal Dams if their offspring meet high standards for both type and production. If the cow herself is officially classified or tested she must also meet high requirements. An application and fee must be filed to have a cow considered for this recognition.

(Please turn to page 116)

National Director T. A. Burgeson Reports on

Holstein Progress in Australia

Sydney, Australia, must rank as one of the most beautiful and one of the friendliest cities in the world.

Land-locked Mid-Westerners that we are, Mrs. Burgeson and I couldn't miss being impressed by the broad sweep of its world-famous beaches.

But even the panoramic view from Hunter's Hill and a much-appreciated glimpse of the season's last regatta in Sydney Harbor were dwarfed by the warm hospitality extended us by the Australian Friesian fraternity.

We flew to Sydney, where I had the honor of judging our breed (called "Friesians" in Australia) at the Royal Agricultural Show last year, from Auckland, New Zealand.

Ours was the first Electra to leave New Zealand since the grounding of that controversial turbo-prop two months earlier made for what might best be described as a "nervous" flight.

Our misgivings were quickly dissolved, however, in the warm airport greeting extended by President Cecil O'Dea and Director Ross Lamond of the New South Wales Friesian Association.

Mr. O'Dea, a prominent Sydney attorney and a dedicated Friesian breeder and enthusiast, was our host. During the several days prior to my judging assignment, he and Mrs. O'Dea had thoughtfully arranged a full and interesting schedule of sight-seeing tours.

The Royal Agricultural Show is situated in the heart of Sydney, a city of more than 2,500,000. The show is industrial as well as agricultural in scope and is acknowledged to be one of the biggest and finest of its kind in the world.

Farmers travel great distances to attend. At the same time, the show's many attractions are enormously popular with city people. As a result, attendance on some days is in excess of 250,000 — a packed sea of humanity on the 72 acre show grounds.

Over the years, the rapidly growing popularity of the Friesian breed in Australia has been reflected in a steady increase of entries at the show. A new record of 300 black and whites was established during our visit.

The Australians operate their shows somewhat differently than ours. With entries in thirty-eight classes, the exhibitors, as well as myself, were kept fairly busy. These classes included several in which the cattle are judged on production and on type. In spite of the numerous classes the show was extremely well organized with competent stewards in charge keeping everything going very smoothly and efficiently.

I was much impressed with the level of quality throughout with good competition and very outstanding tops in many of the classes. I'm sure the large and keenly attentive crowd of spectators following every class on both days of the judging was very satisfying and rewarding to the exhibitors.

In the junior classes it was evident that Sniders Fond Hope King had made quite a contribution as a transmitter of good type, as his progeny pretty well dominated these classes. He sired the first prize bull calf and junior champion, first prize heifer calf, second junior yearling heifer, first senior yearling heifer, first prize junior get, first prize two year old bull and reserve champion.

Not shown this year, Snider's Fond Hope King will be remembered as quite a show bull in his own right. He was a former champion at this show, in addition to being a very successful competitor in shows in Canada before being purchased by the Australian government.

Mr. and Mrs. Burgeson (left and third from left) with their Sydney hosts, Mr. and Mrs. Cecil O'Dea

Since his arrival here, he spent the first two years of service in the Hawkesbury Agriculture College herd. The college was the exhibitor of all his offspring at this show. He is now in regular service at the artificial unit in Berry.

The following week, in a visit to the college, I saw a very impressive group of King's daughters. With only a few in milk, they show every indication of being the right kind.

It was apparent another imported bull had also contributed much to his progeny in the way of quality at this show. This bull, Flintdave Reunion, came from England. His offspring were largely responsible for his owner's taking both Premier Breeder and Exhibitor honors.

Showing in the young milking cow classes, starting with the "cow in milk, over 18 months and not over 2 years" class, his daughters had a high degree of uniformity with good udders as their strong point. At this age they showed good balance and style. However, being of a more compact type with shorter legs, it remains to be seen if, at maturity, they will attain the great depth and scale of the Australian Friesian as she appears today.

An Australian bred bull was champion bull of the show. Large, exceptionally well balanced, with great depth and scale, and moving well on sound legs he had been an easy top in the aged bull class.

In reserve we had a very stylish two-year-old son of Sniders Fond Hope King. He was a sharp looking youngster with loads of breed character and lacking only in maturity.

As is usually the case, it was the aged milking cow class that provided the highlight. It was a very pleasing display of quality with many great cows in the line-up, exceptionally uniform in dairy character, openness and wonderful ribbing.

I made the first and second prize cows in this class champion and reserve. The reserve, having been champion at this show last year, had many friends and many at the ringside considered this a close placing. Both were

GRAND PARADE AT THE 1960 ROYAL AGRICULTURAL SHOW, SYDNEY, AUSTRALIA
More than 800 animals take part in this world famous parade

very outstanding with excellent quality udders.

The champion, being more upstanding, had the advantage in style and breed character with stronger legs and was much better on the move. I had only one criticism of this cow. Her teats were a bit too large but, by comparison, her udder was not quite as deep and had stronger attachments than the cow in reserve.

In addition, there were several type and production classes in inter-breed competition. A committee from each of the dairy breeds selected five cows with official production records for those classes. The groups were then paraded in one ring, with the judges of the five dairy breeds making their individual selections by allocating points for type and conformation. Later, points for production were added with awards being made on the total score.

After the judging, I welcomed the opportunity to visit with the exhibitors in the barns. Though I'm sure they did not all see eye to eye with me on all my placings, they were a most friendly and sincere group, and we had many interesting discussions in our comparisons of type.

At this particular show in the years past, the Royal Agricultural Society has invited judges from several different foreign countries. Only the very opinionated breeder could stick by his ideal of type in the face of so many different judgments!

Great interest was shown in our classification program and many questions were asked regarding its workability and effectiveness. Also discussed was our method of selecting qualified official breed judges, with the idea of developing Australian judges for Australian shows and in that manner conforming to some definite standard in type.

After a week at the crowded showgrounds we looked forward to a tour of New South Wales as guests of the Friesian Cattle Club. The itinerary, well planned to include visits to as many Friesian breeders as time would allow, was executed almost to the minute.

The first few days were spent around Newcastle and in the nearby Hunter Valley district. The last week of our trip we saw some of the area south of Sydney. The itinerary for this part of our journey included a visit to Camberra, the capital of the country. As guests on several sheep ranches, we had a first hand view of this most important segment of the livestock industry of Australia.

In visits to two of the artificial insemination units (AI units in Australia are operated by the government) I noted that all of the Friesian bulls were imported. Four were from Canada, all sons of Fond Hope; one was from the United States, Mooseheart Creator Ormsby, a son of "Prince," and four or five were New Zealand bred bulls.

Comparatively speaking, artificial insemination in Australia is a new program and, of the breeders whom I visited, few are availing themselves of the service.

The Australian Friesians are more like our American cattle than are the Black and Whites which I saw in Europe. The uniformity of dairy character and of depth of rib was most impressive. Although their udders, on the average, were deeper than we prefer to have them, both quality and texture were exceptional. The many older cows I saw, still producing well, attest to their good wearing qualities.

I saw many cows, almost perfect in body conformation and dairy quality, that, with a little improvement in the udder, could be top cattle anywhere. The many imported bulls of different type now being used in Australia make it apparent that the Australian breeder is seeking improvement in udders. But it would be a pity if this

(Please turn to page 34)

Editorial - -

The Honor List

One of the features of the **World** the first issue of each month is the publication of official production records—AR, HIR, and DHIR—that meet the stringent requirements for the Honor List. Of the 90,056 official production records completed during 1960, less than 3300—or roughly 3½%—were high enough to make the Honor List, so publication in this select group is indeed an honor.

In past years we have published annually the leading Honor List Owners and Honor List Sires of the breed, determined by the production records completed in the Advanced Registry test. We are pleased to report now that through the cooperation of the Brattleboro staff of the Association we will this year for the first time be able to present the Honor List Owners and Honor List Sires based on all official records—AR, HIR, and DHIR—completed during 1960.

As in the past, the positions will be determined from the number of points earned by each record appearing in the Honor List. However, to simplify the procedure—which is important because of the number of records to be handled and also to avoid duplication — points will be computed for only the first 305 days of each record. The publication of 365-day records is of recognized publicity value and will be continued in the Honor List.

Points are alloted on the following basis: one point for each 100 lbs. milk and one point for each four lbs. fat above the minimum requirements in class for publication in the Honor List. For example: minimum requirements for publication for a record by a mature cow on 3X milking (305 days) are 22,400 lbs. milk or 830 lbs. fat. Thus, a cow with a 3X 305-day record of 23,400 lbs. milk and 870 lbs. fat will receive 10 points for milk (1000 lbs. above minimum) and 10 points for fat (40 lbs. above minimum) for a total of 20 Honor List points. By referring to the table of minimum requirements on this page, points for any record of 305 days or less published in the Honor List may be determined. Please remember that points are computed on the first 305 days of production only.

With such a large number of Honor List records for the year, the task of manually computing the point values for each would be an almost insurmountable chore for our staff. We are therefore especially happy to report that the Association is continuing this responsibility as it has for the past several years. Even with the use of automatic sorting and computing machines, it is still a considerable undertaking in its present expanded form. For their ready cooperation in this connection we wish to express our special thanks to members of the Association staff directly involved—Executive Secretary Robert H. Rumler, Superintendent Dr. George R. Barrett and Assistant Superintendent Charles J. Larson of the Advanced Registry Department, and Superintendent Abbott C. Fisher of the electronic tabulating division.

If all goes as planned the Honor List Owners for 1960 will be presented in our issue of July 25, with the Honor List Sires featured in the annual Herd Sire (August 10) Issue. (In addition we expect to feature the high individual point winners and other pertinent information.) At that time also will appear a more complete article tracing the cooperative steps taken by the **World** and the Association to assure the inclusion of HIR and DHIR records in the Honor List.

With the much broader base made possible by the use of all official production records, the Honor List Owners and Honor List Sires should take on greater interest and significance than ever before.

MINIMUM REQUIREMENTS FOR HONOR LIST POINTS
AR, HIR or DHIR

Age	2X-305 Days Milk Req.	2X-305 Days Fat Req.	3X-305 Days Milk Req.	3X-305 Days Fat Req.
Jr. 2	15400	570	18400	680
Sr. 2	16200	600	19200	710
Jr. 3	17000	630	20000	740
Sr. 3	17800	660	20800	770
Jr. 4	18400	680	21400	790
Sr. 4	18900	700	21900	810
Mature	19500	720	22400	830

The Rumen Story

For those who want to make the most of their opportunities with dairy cattle, we present our lead article, The Rumen Story. Some of the ideas in this informative and thought-provoking presentation are contrary to popularly held theories, while others strengthen present beliefs. After reading it, we believe you will find yourself examining your dairy cattle feeding program with a critical eye.

In answer to our request for permission to publish it, the author wrote: "The known facts and the theories are changing so rapidly that the researchers . . . can not yet write a text book and say, 'This is it — this is final.' I am sure that as of winter, 1960, all facts and theories are authentic, but some will later be superseded as research continues."

Few will deny that the proper feeding of dairy cattle is both an art and a science. The Rumen Story contributes greatly to the basic knowledge necessary for advancement in this field of dairy cattle management.

The Value of Glamour

Writing in the current issue of The Homestead Line, Mrs. Paul L. Christoph says,

"Bill Baird has passed away. If there was one thing that Bill Baird understood, it was the value of glamour in merchandising Holsteins. His sales were events. Whether you intended to buy or not, you wanted to be there, and so did everyone else. And many did buy. He assembled his consignments with the care of a Washington hostesss making out an invitation list . . . He gave a little stardust to the men who 365 days of most years have only the barndust in their eyes."

This is indeed a fine tribute to a master salesman and a keen analysis of the successful Holstein auction sale.

The initial words in the chapter on Public Auction Sales in the Diamond Jubilee Edition of Holstein-Friesian History are these, "There is a certain fascination about the auction sale . . . "

The sale manager who implements the initial fascination of an auction by making his sale an "event" is contributing mightily to the financial progress of the Holstein breed.

News & Views
FROM THE ASSOCIATION OFFICE

See You In Cleveland?

By the time you read this, the 76th Annual Convention — scheduled for Cleveland, Ohio, June 5 - 8 — will be just around the corner.

That means there's still time to get there — even if you hadn't previously planned to be among those present.

One thing sure, if you do get to Cleveland you'll find the Convention a thoroughly enjoyable — and enormously valuable — experience.

Why don't you plan to "take in" the Convention this year? Bring the family!

Open House

As an Association member, you would have been more than a little pleased with public reaction to recent Open House activity at Brattleboro.

Nearly 800 people, including town officials and the entire memberships of local service clubs, literally poured into national headquarters for the one day event.

Everyone — particularly visiting businessmen — was visibly impressed with the crisp efficiency of the office operation and with the application of the latest in modern business machines and methods.

Big attraction, of course, was the recently-completed new building. It marks the third major expansion of the physical plant in less than ten years and brings total floor space to more than an acre.

Incidentally, you might well be interested in a souvenir brochure recently prepared for office visitors and introduced at the Open House.

You can get a copy by dropping a card or letter to Brattleboro. Ask for "Big Business . . . With a Milk Pail on its Arm."

Good Idea Pays Off

Early registration of all calves worth raising plus dual state and national Association membership always have added up to a good idea.

But just "good idea" is no longer descriptive enough. The philosophy behind the fee schedule adopted by the Association in 1958 has very definitely moved up into the "good idea that works" category.

Last year, almost 74 per cent of all registry applications filed by Association Members involved calves under six months of age.

This compares with slightly less than 61 per cent as recently as 1957—the last full year of operation under the previous fee schedule.

While the cash benefits obviously aren't as great for non-members, it is significant to note that they, too, are joining the trend toward "pre-six" registration.

Sixty-five per cent of all applications received from non-members during 1960 were on animals below the six-month mark. The comparable 1957 figure here was 55 per cent.

Tie it all together and you have the best possible testimony to the value of keeping your registrations up-to-date. The majority of your fellow Holstein breeders are finding that it pays!

If you have eligible — but as yet unregistered young stock — right now is the time to get their applications completed and mailed to Brattleboro.

You'll save real money and, chances are, you'll save time, too. Experience tells us that most time-eating errors in filing involve older animals.

And if you aren't yet enjoying the many plus-mark advantages of state and national membership, right now is the time to do something about it.

When you send in those registry applications, ask for the name and address of your State Secretary and a copy of "How to Join The Holstein-Friesian Association of America."

Even if you are already a member, you can do one or more of your neighbors a big favor by requesting copies for them.

Tip on Twins

What's in a name? When it comes to twin calves, the word "twin" must be included in the name of each for registry purposes.

When registering twin animals, breeders occasionally overlook this rule. In such cases, "twin" must be inserted by the Association.

Often, this brings the animal's name to more than the maximum 30 letters, spaces, numbers and characters allowed. Adjustments must then be made in arriving at a suitable name.

All of which is a headache you can avoid by including "twin" in names submitted on the registry applications of all twin animals.

Research Committee Meets

At its recent meeting in Raleigh, North Carolina, the Research Committee reviewed projects now underway at various State Experiment Stations and at Association headquarters.

Some very interesting projects underway involve statistical data made available by official production testing. Results figure to be of particular value to the special committee on the use of production records.

Careful consideration was also given to a number of matters pertinent to the long-range future of the breed.

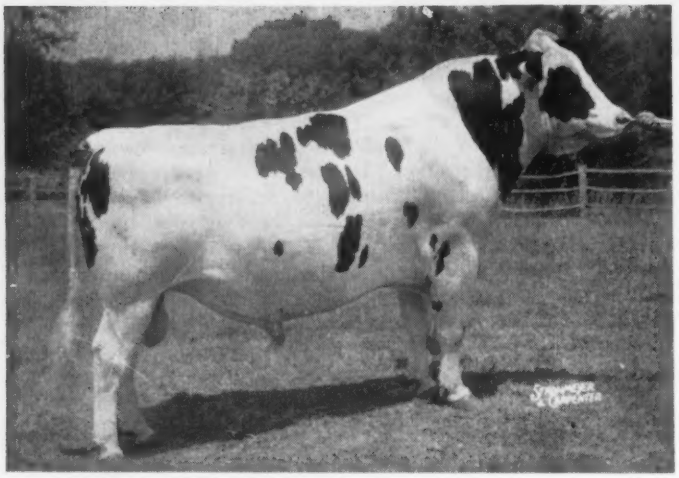
As one example, considerable discussion was devoted to further expansion of production testing. Should emphasis be placed on solids-not-fat, protein — or both?

Also of more than passing interest were plans to analyze various Associa-

(Please turn to page 118)

THE HONOR LIST IS THE TOPIC OF DISCUSSION
Meeting in Brattleboro in late April to discuss publication of the 1960 Honor List Owners and Honor List Sires were, seated, Dr. George R. Barrett, Supt. of the A R Dept.; MSP and RHH of the World; Robert H. Rumler, Executive Secretary of the Assn.; standing are Abbott C. Fisher, Supt. of the electronic tabulating division; and Charles J. Larson, Asst. Supt. of the A R Dept. Extension Editor Miles R. McCarry was behind the camera.

HAYSSEN HI HOPE = ONE OF THE



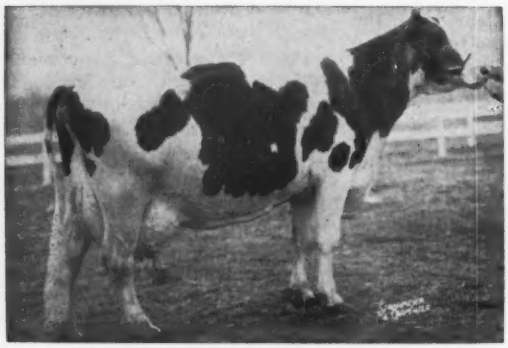
HAYSSEN HI HOPE
Excellent-91-SMT

10 Lakeside owned daughters now average 85.7 on Classification
14 daughters in all average 83.5
6 VG - 6 GP - 2 G

His CBS proof:

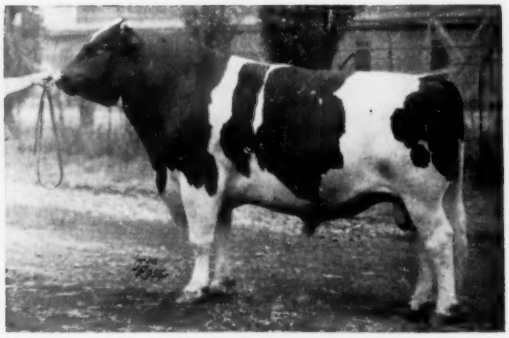
6 daus.	15,561	3.71	577
6 dams	14,866	3.61	537
	+695	+.10	+40

His Dam



ATHLONE ADMIRAL GRACE (EX-92)
9y 365 2X 22,696 4.1 919
Other records of 914, 832, 775, 732, 711, 643, 578, 544.
Lifetime 154, 540 M 5834 F. 2nd Best Udder Waterloo 1951 at 10 years of age.

His Sire



SPRING FARM FOND HOPE (EX)
Sire of All-Canadian Senior Get, 1960. Three times All-Canadian. 29 EX, 221 VG progeny.

A Daughter's Udder

UDDER OF HAYSSEN FOND IONA

A Daughter's Udder

UDDER OF HAYSSEN FOND MARIE

Just a reminder of our great consignments to Cleveland on June 8th - Hayssen Fond Arabella and Hayssen Supreme Victory.

WM. A. HAYSSEN, Owner **RAY BRUBACHER, Mgr.**
FRED HOLSCHBACH, Herdsman

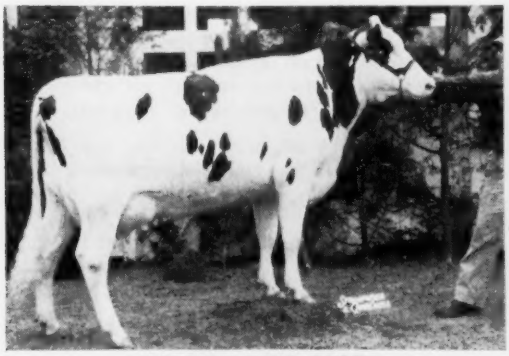
Acc. - Vacc. - Cert.

Lakeside FARM
ELKHART LAKE, WIS

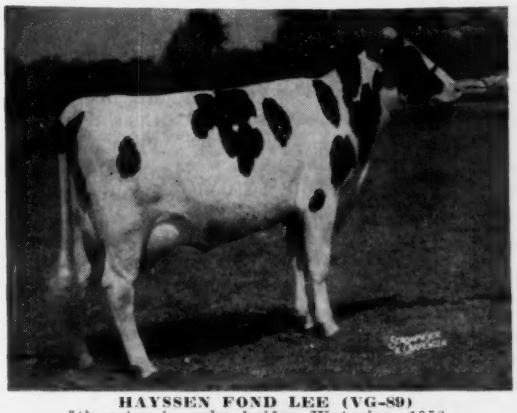
VERY POPULAR SIRES AT CURTISS

HAYSSEN FOND IONA (VG-87)
2nd prize sr. yrlg. heifer - Minn. 1959
3rd prize sr. yrlg. heifer, Waterloo, 1959
5th prize 2-yr. old - Wis. State Fair, 1960
2y 2X 337d 12,387M 4.0% 490

HAYSSEN FOND MARIE (VG-88)
2y 2X 347d 14,106 3.7% 524 (HIR) SA Consigned to the Curtiss Great Lakes Sale, June 9th. at Wooster, Ohio.

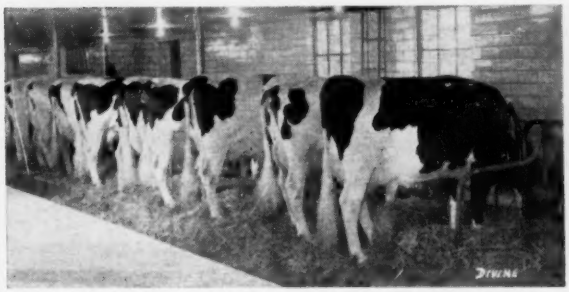


HAYSSEN FOND BELLE
(not classified)
Starting out very strong as a 2-yr. old milking over 62 lbs. per day on 2X.



HAYSSEN FOND LEE (VG-89)
5th prize jr. yrlg. heifer, Waterloo, 1958
5th prize 2-yr. old, Minn. S. F., 1959.
6th prize 3-yr.old heifer, Wis. S. F., 1960
2 yrs. - 2X 348d 12,176 M 4.2% 508F.

Milking Daughters at Lakeside



Truly a beautiful group of young cows. Picture taken Jan. 1961.

First Prize Junior Get

1st Jr. Get at Dairy Cattle Congress 1959. 1st Minn. State Fair, 1959.

Hayssen Hi Hope Semen is Available

CURTiSS
BREEDING SERVICE, INC.

CURTiSS FARM - CARY, ILLINOIS • Otto Schnering, Founder • Phone MErcury 9-2041

Fay Barney Comments on

The Knutson Brothers

Jimmy Kuhlman's story on Pabst Burke Rag Apple De Kol (p. 22-Mar. 25) came close to being a history of the Pabst-Knutson unit of the Pabst Farms Inc. herd. While only one of the five daughters of the old Rag Apple cow is left, the others of her progeny make up a good share of the animals in today's herd.

Ernst and Elis Knutson were in their late twenties when they formed the partnership about 21 years ago with the late Fred Pabst—a rather unusual plan with the Brothers and Fred Pabst owning the cattle jointly and the Knutsons furnishing the labor and the machinery. This relationship has been continued with David Pabst since the death of David's father.

Of the two brothers Elis has done most of the showing so is probably the better known; he was awarded the Fred Klussendorf Memorial Trophy at Waterloo in 1957. There have been many amusing anecdotes told about him over the years and he has been quite positively identified as the "naked toreador"—the brave one who, at the 1949 Michigan State Fair, rushed down the show barn stairs in his birthday suit in the middle of the night to grab a fork and drive off the loose Jersey bull that was attacking Pabst Sir Regal Fobes.

The show ring record of this herd is particularly phenomenal. Knutsons have developed and shown five individual All-Americans; the 1950 produce of dam; one-half of the 1952 produce; bred two members of the All-American Gets of 1949 and 1951; and three members of the 1956 Get of Wis Leader. And in Reserve All-Americans they have developed and shown four individuals; showed both members of the Reserve Produce pairs of 1951, 1952 and 1956; bred five other individual reserves; and had one member of the Reserve Gets of 1949, 1954 and 1955. They have bred 11 Gold Medal sires and have developed four Gold Medal dams

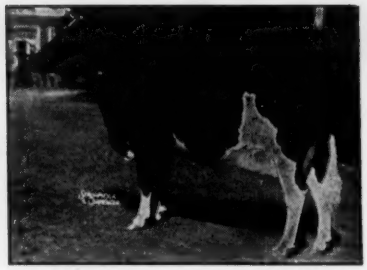
In production the Knutsons have been equally successful developing 23 cows with records over 1,000 lbs. fat as well as several holding past or present state records. Four of the 15 Excellent cows in the herd have records over 1,000 lbs. fat and the records of all average nearly 800 lbs. fat.

Pabst Queen, reserve All-American heifer calf of 1960, has a pedigree quite typical of the breeding in the present Pabst-Knutson unit. She is a daughter of Wis Captain, Excellent-Gold Medal Sire of A.B.S., a 1000-lb. son of Wis Ideal—there are other Wis Captain offspring in the herd. "Queen's" dam is a 713-lb. 3-year old daughter of Wis Leader that was purchased by Kingstead Farms of Maryland in the 1960 Convention Sale for $3250; the next dam is a VG 705-lb. daughter of Pabst Roamer.

Wis Leader was used quite heavily by the Knutsons—there are now 15 of his daughters in the herd, most of these bred by the brothers. Of course Plain View Inga, an older daughter and one of the bright stars, was purchased from the Imigs of Neillsville, Wisconsin in the 1953 Blue Ribbon sale when she was a 2-year old, the price $850. Wis Leader had been bought by Fred Pabst in the Blue Ribbon sale the previous year for $13,000. The Knutsons later bought the dam of "Inga" and she made a record of 741 fat at 12 years and was classified Excellent. "Inga" herself proceeded to make a senior 2-year old record of 775 fat and made a great show record as a 4-year old when she became Reserve All-American. The following year she was All-American and she soon became the first All-American cow in history with three records over 1,000 lbs. fat.

"Inga's" son by Carnation Madcap Butter Boy, Pabst Admiration, has 12 sons and daughters in the herd. A younger full brother, Pabst Citation, had been optioned by the Puyana Brothers of Bogata, Colombia, and this option will be taken up by them; so this calf will not be sold in the dispersal but there may be a few head in calf to him by sale time. "Inga" has a daughter by Pabst Leader Duke — (Pabst Inga Duchess)—making close to 700 fat as a 2-year old and this daughter is bred to Carnation Royal Master. And a daughter of Pabst Inga Duchess by Carnation Royal Master born May, 1960 will sell.

This is one of the first, if not the earliest herd to feature the Burke-Rag Apple cross. This blending has proved highly successful here as well as with several other U. S. breeders. And should you, in looking at the cows, remark that the herd has remarkable size, Ernst will tell you that, in their purchases of outside animals, they have invariably brought in some combination of outside blood with that of Burke or Rag Apple which has tended to build up and maintain the stature of their animals.



PABST REBURKE RAG APPLE
Daughter of Pabst Burke Rag Apple De Kol - All-American Heifer Calf 1947; Res. All-American 2-Year-Old 1949; Res. All-American 3-Year-Old 1950. Dam of 1951 Reserve All-American Senior Yearling bull. At 5y. 3X. 330d 21483 milk, 774.3 fat.

Along with this size the Knutson herd has classified an average of 87.5 points, quite a score for 50 head. Take the numerous All-American winnings of the brothers and the average of 716 pounds fat for 42 records on their cows and it all boils down to 21 years of impressive constructive breeding. —F. C. B.

AUSTRALIA (From page 29)
were done at the expense of the great size and dairy qualities already well established.

The Friesian Cattle Club is the youngest of the dairy breed organizations in Australia. Since the war there has been a steady growth from 60 members in 1948 to the present membership of ovr 900. This rapid increase reflects a growing popularity of the Friesians that has resulted in an actual scarcity of available breeding stock and in the strengthening of prices.

After spending three stimulating and enjoyable weeks with these Friesian breeders, it was with some regret and a bit of sadness that we left our new found friends to continue our trip to Europe.

Our thanks for all the kindnesses extended us were wholly inadequate. The friendliness and hospitality afforded us by the Australians was unmatched, no effort was spared to make our visit a memorable and pleasurable one.

85 Of The WORLD'S FINEST HOLSTEINS SELLING

Selected From Coast to Coast by Leo R. Blanding

Cleveland Ohio NATIONAL CONVENTION SALE

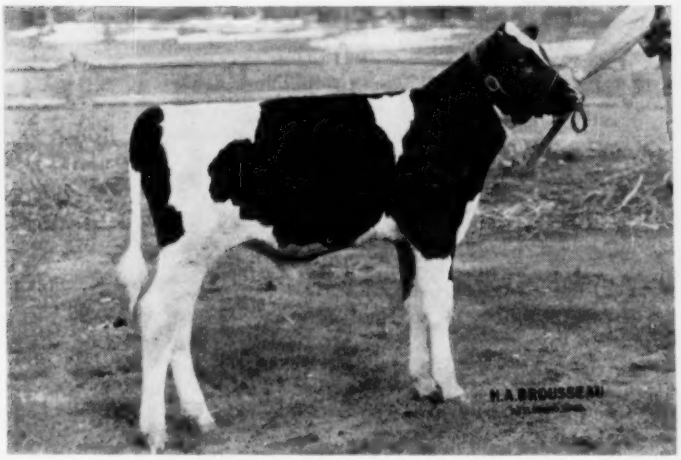
June 8, 1961

At Berea County Fairgrounds. Only a mile north of Ohio Turnpike (Rte. 42 Interchange). One and a quarter miles from Cleveland "Hopkins" Airport. From the Convention Hotel (Sheraton-Cleveland) take Rte. 42 south to Bagley Road, turn west on Bagley Road, go one mile to Berea Fairgrounds. Only about 20 minutes from the hotel.

Bang's Certified, T. B. Accredited, Calfhood Vaccinated. Blood and T. B. tested within 30 days of sale date. Eligible for shipment anywhere.

SALE WILL START AT 10:30 A. M.

Prospera's Ivanhoe Son Selling



FERNHAME IVANHOE EMPEROR
Born Dec. 19, 1960. Photo at three months.
His dam and both granddams each twice over 1100 lbs.
Here is the son of OSBORNDALE IVANHOE (VG-GM) from the famous UNH Count Prospera (VG), three times over 1100 fat daughter of UNH Mike Liza (VG-GM), famous 1131-lb. cow. —**Great Brook Farms, Carlisle, Mass.**

NEWS FLASHES!

● **FLO MAR USORA LOUS (VG-89),** the show cow consigned by Richman Farms has freshened with a heifer calf that will sell. It is sired by Rolling Knoll Road Master.

● The dam of the Albert Mapp's Wis Burke Ideal daughter consigned is now classified "EX." The heifer selling has freshened with a heifer calf that will sell.

● **SILVER LAKE EMPEROR IRMA,** the 619-lb. 3-yr-old consigned by James Frank is now classified "VG-87."

● Homer Johnson's **PER LEE PLACE PROUD FOBES (VG-87)** with 30,253M and 1155F on 2X is one of only 12 cows to make 30,000 on 2X in the Breed. Here is your chance to own her.

See Following Pages →

HONOR LIST OF CONSIGNORS

ROBERT ADAMS, Oklahoma
ARLINDA HOLSTEINS, California
DAVID BARR, Pennsylvania
BEACON MILLING COMPANY, New York
CLARK BIDDLE, Ohio
FAY BOUIC, Ohio
BILLIT FARM, Pennsylvania
BRISTOL FARMS, Wisconsin
CARNATION MILK FARMS, Washington
R. C. CHURCH & SONS, New York
W. B. CLEVELAND, Ohio
T. E. COURTNEY, Illinois
MARVIN COOK, Ohio
CURTIS COSGRAY, Ohio
G. HAROLD COWLES, New York
DONALD CROWELL, New York
DIAMOND S RANCH, California
ELMWOOD FARMS, Illinois
J. W. & JIMMY EUSTACE, Virginia
JAMES L. FRANK, Pennsylvania
FILBERT FARMS, Maryland
J. MOWREY FREY, JR., Pennsylvania
J. MOWREY FREY, Pennsylvania
FROGMORE FARMS, INC., New York
H. M. GANS, Pennsylvania
GELBKE BROS., Ohio
GLENAFTON FARMS, Canada
GREAT BROOK FARMS, Massachusetts
J. K. & B. HALLOCK, Pennsylvania
HARDEN FARMS, New York
JESSIE F. HARTZLER, Ohio
ALLEN HETTS, Wisconsin
HICKORYVALE FARMS, Maryland
JAMES K. HOWE & SONS, Vermont
EST. OF E. W. HOMRIGHAUSEN, Arizona
IRVINGTON FARMS, Maryland
HOMER JOHNSON, New York
A. J. JOHNSON, Iowa
REUBEN JONES & SONS, Ohio
RUSSELL KAHLER, Ohio
KINGSTEAD FARMS, Maryland
KRULL BROS., Wisconsin
LAKESIDE FARMS, Wisconsin
LAVACRES FARMS, California
LEWIS & SON, Ohio
MURRAY LINCOLN, Ohio
LAWRENCE McNEIL, New York
T. LAURENCE McCULLOUGH, Ohio
MALLARY FARMS, Vermont
CHRIST MAYER & SONS, Wisconsin
ALLIE MESSER, Maryland
KENNETH MICHAEL & SONS, Ohio
ALBERT MAPP, Ohio
HAROLD MONTGOMERY & SONS, New York
NEWMAN HOLSTEIN FARMS, Indiana
PINEHURST, Wisconsin
DAVID RESSLER, Pennsylvania
RICHMAN FARMS, Ohio
H. RALPH RIGGS, Ohio
ROLLING KNOLL FARMS, Maryland
RALPH SANDS, Pennsylvania
SANMARGALE FARMS, Ohio
SEQUOIA RANCH, California
NANCY SMITH, Michigan
HORACE STEWART, Ohio
STEVENSON & WALTER, Indiana
R. H. STREICHER, Ohio
JOHN R. STRAUSS, Ohio
HUGH SUTHERLAND, New York
JANE SWARTWOOD, New York
JOHN THOMPSON, Pennsylvania
R. M. THOMPSON, JR., New York
TWINGAP FARM, Pennsylvania
ARTHUR WILEY & SON, Indiana
HAROLD WILLIAMS, Minnesota
WIS REFORMATORY, Wisconsin

OHIO NATIONAL CONVENTION SALE

Sale Starts At 10:30 A. M.

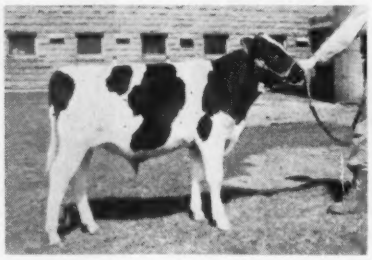
These Cows Selling

2 With 1027 & 1155 F
7 From 806 F to 900 F
8 From 706 F to 782 F
11 From 600 F to 664 F
4 Excellent Cows Selling
17 Very Good Cows Selling
(8 from 87 to 89 points)

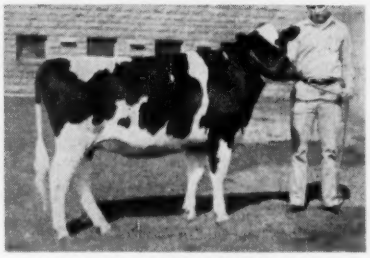
Dams Of Heifers

2 From 1134 F to 1168 F
6 From 1011 F to 1078 F
2 From 946 F to 979 F
7 From 800 F to 896 F
14 From 703 F to 785 F
● 12 From EX. Dams
● 11 From VG Dams

This Pair From Wis Reformatory



WIS PRIORITY
Born Oct. 6, 1960
Son of Mooseheart Pioneer (EX-92) from Wis Vanity (EX), 815-lb. daughter of Wisconsin Venus (EX-GMD).—**Wis. Reformatory, Green Bay, Wis.**

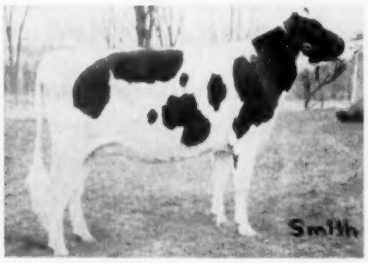


WIS MAUDLENE
Born June 21, 1959
A daughter of Mooseheart Pioneer (EX) from Wis Modena (EX), a 667-lb. Wisconsin Masterpiece daughter with an "EX" udder. —**Wis Reformatory, Green Bay, Wis.**

— Selling —

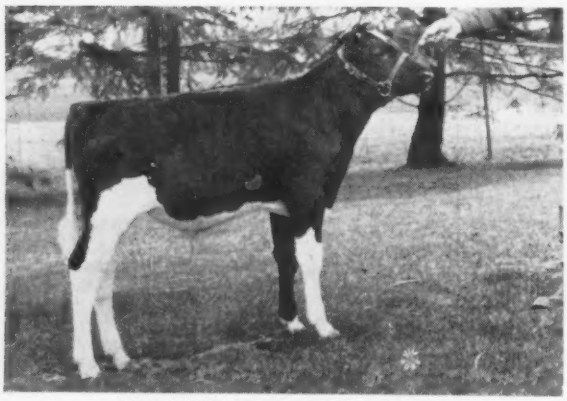
PINEHURST SUPREME JUNE DELLA
Born Dec. 16, 1958
A daughter of Wis Venus Supreme (EX) from a "VG" daughter of Admiral Comet 24th with 729 fat at 3½ years, 2X, 3.9%. Second dam has 696 fat. Due in July to a son of an "EX" dam. —**Pinehurst Farms, Sheboygan Falls, Wis.**

— Selling —



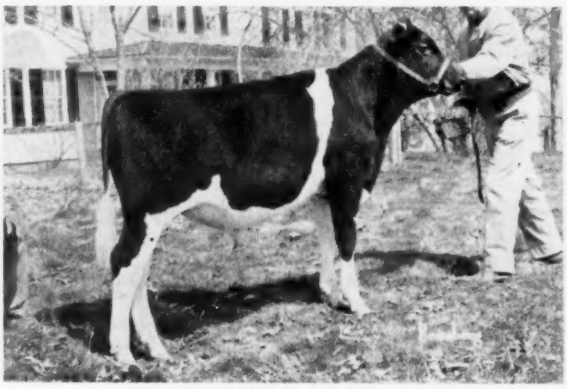
WECO PRINCESS ELLY
A beautiful daughter of Budd Farm Dunloggin King (VG-88) out of Oliver Acres Carnation Ella (VG-89) with 3 records over 700 lbs. fat. She is due after the sale to Arnoldvale Dictator Dean (EX). —**Nancy Smith, Williamston, Mich.**

— Selling —



GLENAFTON RAG APPLE CAPERS
Born Feb. 1, 1961
A beautiful son of the popular Lakefield Fond Hope (EX-SMT) and out of Glenafton Nettie Bonheur Patsy B (GP-2y), a fifth generation of the famous Patsy family at Glenafton. You will like this calf. —**Glenafton Farm, Alliston, Ont.**

— Selling —

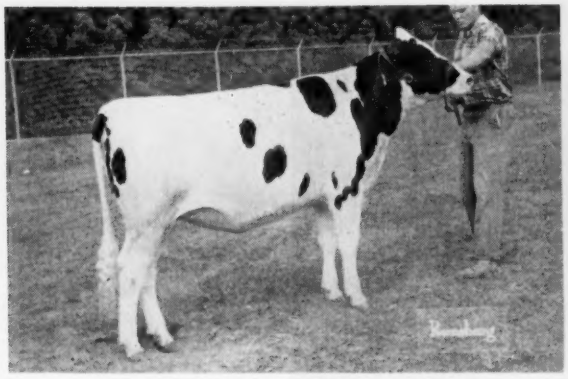


ROLLING KNOLL MAT SUPREME
Born Aug. 29, 1960
Son of Rolling Knoll Supreme (VG-SMP) from Rolling Knoll Pontiac Gracious (VG-89-722f), she a daughter of Rolling Knoll Pontiac Mat (EX). Both his dam and granddam have "EX" udders. —**Rolling Knoll Farm, Gaithersburg, Md.**

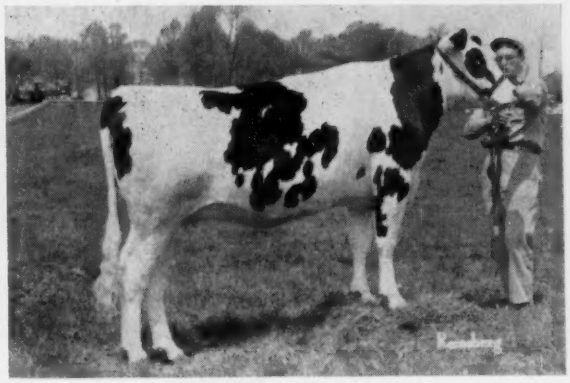
OHIO NATIONAL CONVENTION SALE

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

Res. Jr. All-American Selling — Selling —



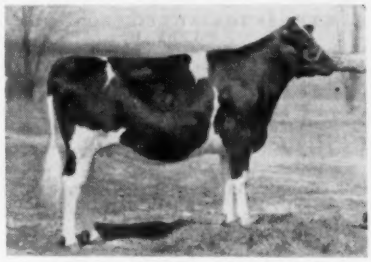
MD POND VIEW TRUSTEE HELENE
Born Jan. 1, 1957
All-Md. Junior Yearling, 1960 Res. Jr. All-American Jr. Yrlg., 1960. A daughter of the popular Rosafe Trustee (VG-88) from a 979-lb. 2X daughter of Rolling Knoll Master Cross. She is due in the fall to an ABC son from a 900-lb. dam.—**Allie Messer, Frederick, Md.**



IRVINGTON ADMISS SANDY
Sept. 16, 1958
A choice daughter of Irvington Pride Admiral (EX-92), top proven sire with 15 classified daughters that average 84.5 pts. Her dam has 2X records to 763F, 4.1% and she is due in August to Skokie Bellringer. —**Irvington Farms, Gaithersburg, Md.**

— Selling — — Selling — — Selling —

CARNATION WINIE MADCAP
Born Feb. 28, 1960
A daughter of Frasea Ideal Pilot (VG-GM) from a 1055-lb. 4.4% daughter of Carnation Homestead Revelation (EX-GM). 2nd dam has 1024f, 3rd dam has 1511f, 4th dam has 1018f, 5th dam has 1315f and 6th dam is Mother Madcap with 1036f —**Carnation Milk Farms, Carnation, Wash.**



GREEN BANKS ARISTOCRAT MARTHA
Born Sept. 10, 1958
A daughter of Council Rock Worthy Aristocrat (EX-GM) from a dtr. of MF Sir Pride Adantha with 713f at 3 yr. on 2X and going higher this year. Due after sale to Clyde Hill Master King Fobes (VG-GM). —**Donald Crowell, South Dayton, N. Y.**

ANDREAS CREATION GINGER
Born Feb. 2, 1959
A daughter of Skokie Creation Commodore from a dam with 616f, 621f and 632f. She is due early fall to a son of a 671-lb. 3-yr-old. —**F. H. Andreas, Beach City, Ohio**

● Late word from Robert Thompson, Jr. tells us that the show dam of his beautiful Amcana Dictator Model daughter selling is now finishing with over 600 lbs. fat in 10 months as a 3-yr-old. This Model daughter is due with 1st calf in August to the famous Skyliner.

For complete information on this outstanding sale please turn to pages 61 through 71 in the May 10 HOLSTEIN-FRIESIAN WORLD where every animal and consignor is mentioned. There is also quite a bit of consignor advertising in that issue. The following pages in this issue also carry much supporting advertising. In this issue we are presenting pictures and information that arrived too late to be included in the May 10th WORLD advertising.

Send 50c to the Sales Managers for a copy of your catalog today.
If you want the Sales Managers to make your motel or hotel reservations or if you want your plane or train met on sale day, please write or phone the Backus Office at Mexico, N. Y.

Wire, Phone or Mail Bids: Such bids will be handled by John O. Fenstermaker, Homerville, Ohio; Olin, Charles, and Horace Backus, Mexico, N. Y.; C. B. Smith, Williamston, Mich.; A. Doty Remsburg, Jefferson, Md.; or any member of the World Staff. All can be reached at the Sheraton-Cleveland Hotel after Monday of Convention Week.

JOHN O. FENSTERMAKER
Co-Sales Manager & Auctioneer
Homerville, Ohio

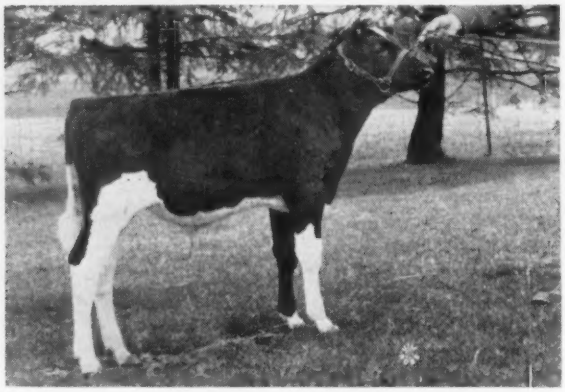
R. AUSTIN BACKUS, INC.
Sales Managers & Auctioneers
Mexico, N. Y. (Ph. WO-37231)

Selections By Leo R. Blanding, Brattleboro, Vt. — Clark O. Biddle, Sales Chairman, Wauseon, O.

A Bull And Heifer From Canada's

The Patsy Family Now Has The Distinction Of Being Canada's Four Consecutive Generation Excellent Family. Both The Bull And The Heifer Consigned To The National Convention Sale Are From The Heart Of This Outstanding "Type-Production" Family.

The "PATSY" Bull Consigned



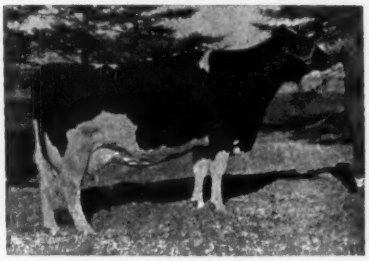
GLENAFTON RAG APPLE CAPERS
Born Feb. 2, 1961

Dam of Capers

GLENAFTON NETTIE BONHEUR PATSY B
(GP at 2 yrs.)
Classifiers comment: "This female could make the 5th 'EX' generation."
2 yrs. 305d 3X 15,638M 669F 4.28%
2 yrs. 365d 3X 18,199M 784F 4.31%
In the 1st 86 days this year she has 6,574M, 4.22% on 2X.

GLENAFTON BONHEUR PATSY PIETJE B
(Excellent)
6 yrs. 378d 3X 21,475M 1004F 4.68%
6 yrs. 305d 3X 19,405M 902F 4.65%
5 yrs. 302d 2X 15,911M 723F 4.54%
This cow has an "EX" maternal sister.

Granddam of Capers



3rd Dam of Capers
Full Sister To S. Patsy's Dam

GLENAFTON LAUREL PATSY PIETJE
(Excellent)
8 yrs. 365d 3X 22,409M 959F 4.28%
10 yrs. 365d 3X 21,882M 935F 4.27%
4 yrs. 365d 3X 22,208M 910F 4.10%
10 Lact. 206,397M 8565F 4.16%
Dam of 2 "EX" daughters.

MONTVIC PATSY PIETJE (EX)
10 yrs. 365d 3X 24,869M 976F 3.87%
5 yrs. 365d 3X 22,740M 949F 4.17%
12 yrs. 365d 3X 23,223M 951F 4.10%
7 yrs. 365d 3X 21,992M 885F 4.02%
7 Lact. 153,407M 6170F 4.02%

4th Dam of Capers
Granddam of Symbol Patsy

WE HAVE NEVER BEEN MORE PLEASED WITH A CONSIGNMENT TO ANY SALE

WE INVITE YOU TO STUDY THESE TWO PEDIGREES

THEN SEE CAPERS AND SYMBOL PATSY AT CLEVELAND ON JUNE 8TH

4 Generation Excellent Female Family

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

In November Of 1960, A Fifth Member Of This Patsy Family Was Classified Excellent After Having Made A Canadian Champion 3-Yr-Old Record Of 26,538M and 923F. We Refer To Glenafton Nettie Patsy Pietje (EX) Who Is Sired By Centurion And Out Of A Full Sister To The Dam Of The Heifer Consigned.

The "PATSY" Heifer Consigned

GLENAFTON SYMBOL PATSY PIETJE C
A daughter of Rosafe Signet (EX)
Bred March 9th to Lakefield Fond Hope (EX-92)

5th Dam of Capers
3rd Dam of Symbol Patsy

MONTVIC HIEMKE RAG APPLE PATSY
(Excellent)

4 yrs.	365d	3X	24,466M	1163F	4.75%
3 Prs.	Dtrs.		13,020M	495F	3.80%
	Dams		11,997M	439F	3.66%
			+1,023M	+56F	+.14%

GLENAFTON LAUREL PATSY PIETJE C
Good Plus
Picture taken May 1, 1961 at 14 years

5 yrs.	365d	3X	18,063M	774F	4.29%
7 yrs.	365d	3X	18,185M	773F	4.25%

Now over 130,000M and 5,000 F 4.1%

Full Sister To Caper's 3rd Dam
Dam of Symbol Patsy

Sire of Capers
Service Sire For Symbol Patsy

LAKEFIELD FOND HOPE (EX)
46 classified dtrs ave. 93% GP or better.
7 "VG" 36 "GP" and 3 "G" daughters.

3 Prs.	Dtrs.	13,020M	3.80%	495F
	Dams	11,997M	3.66%	439F
		+1,023M	+.14%	+56F

GLENAFTON NETTIE PATSY PIETJE
(Excellent)

2 yrs.	365d	3X	19,443M	726F	3.73%
3 yrs.	365d	3X	26,538M	923F	3.48%
5 yrs.	366d	3X	24,472M	847F	3.46%

Will have close to 100,000 in her first 4 lactations. She is an outstanding example of Type and Production.

Similar Blood To Symbol Patsy

GLENAFTON FARMS — Alliston, Ontario

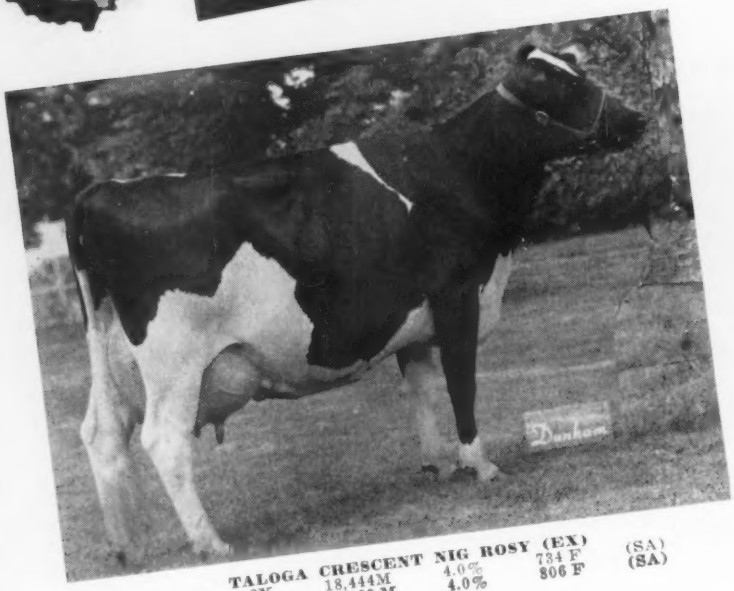
J. BRIAN McCAGUE, Mgr. — Acc. - Cert. - Vacc. — MORT BUTCHERS, Herd Supt.

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

"Rosy" Sells at Cleveland

TALOGA CRESCENT NIG ROSY (EX)

Sells In The Convention Sale



TALOGA CRESCENT NIG ROSY (EX)

4y2m	2X	18,444M	4.0%	734 F	(SA)
5y4m	2X	20,189 M	4.0%	806 F	(SA)

She has just completed a 5-year-old record (SA) of 806-lbs. fat on 2X. She is due to freshen again June 11 to the service of Dibble Crescent Nobleman; he is a son of Southwind Crescent Pride ("Aloha's" son) from an EX. 542-lb. dtr. of Wis Ideal Crusader (GM).

"Rosy" was first prize 4-yr. old, sr and gr. champion at the 1959 Pan-Am. at Dallas, was nominated for All-Am. and was a member of the get of Taloga Cr. Beauty Nig (GM) that was nominated All-Am.

In 1960 after winning several blues, placed 2nd at Dallas, was member of 1st Produce that was nominated All-Am. after her maternal sister was 1st place 2-yr. old. She has a dtr. with 446 F. 295ds. 3.7% at 2 yrs. and 589 F. 3.8% 325ds. at 3 yrs.

Also Selling at Cleveland - A Daughter of This Twice 1000-lb. Cow →

And For Sale At The Farm - A Son of This VG-827-lb. Cow Pictured Below

AMANDA PRINCESS (VG-87)
8y 365d 2X 19,055 M 4.3% 827 F

This calf was born March 22, 1961. "Jeep" (his sire) is the GM Taloga Adohr Dixie that went to KABSU - a son of the VG Adohr Emblem Merry with records to 790 F. and his sire the inbred son of our foundation cow, Ormsby Dixie Carnation Homestead.

"Amanda" has 8y 365d 2X 19,055M 4.3% 827F. Her dam is the Excellent Clontacally Princess Posch with 946 F. 8 yrs. and 718 F. at 4 yrs.

Write us or come and see this calf!

HER DTR. SELLS JUNE 8

CRESCENT PRINCE KARMA MAID
7y 2X 29,701 M 3.9% 1168 F & 8 yrs. 324ds. 2X 25,145 M 4% 1017 F
Lifetime: 120,049 3.8% 4,576 F in 2,747 ds.

This Calf From Crescent Prince Karma Maid is

Taloga Nig Dixie Maid

born last June; "Karma Maid" (EX) has two 2X records of 1168 and 1017 lbs. fat.

This heifer is sired by Taloga Dixie Faultless - son of the GM Taloga Dixie Cherokee out of the Excellent A B T Nig Barbetta with 4,502F 129,855M in 3095ds. (she is the dam of the GM Nig bull.)

"Karma Maid" has in her current lactation 756 F. 19,626M. in her first 279 ds. She is sired by a 770-lb. son of Crescent Beauty Charming Segis.

Last classification, 97 head Ave. score - 83.4 - nearly ½ cl. first time.
7 EX 28 VG 46 GP 12 Good

HIR ave. 1960 91 head 513F 3.7% and for 1959, 85 head, 511 F.

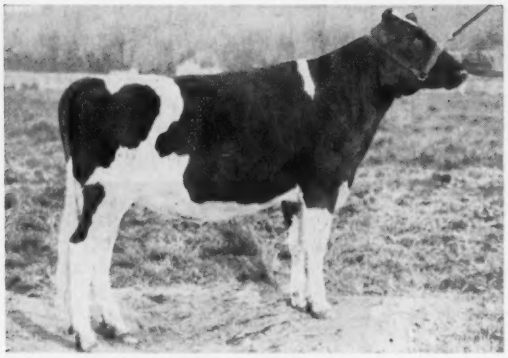
Adams Acres
BROKEN ARROW OKLAHOMA

Robert W. Adams John Vanderfeltz

James Sarasua, Herdsman

To The National Sale

These Three Outstanding Heifers



Carnation Sally Mutual Skylark

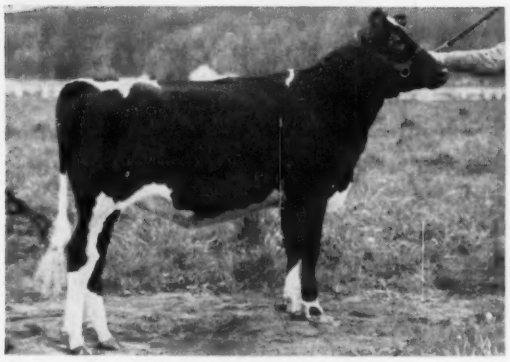
Born June 26, 1959

Maternal sister to All-American Heifer Calf 1953

She is a big, strong, clean cut daughter of Carnation Madcap Butter Boy, "Excellent" Silver Medal Type sire. Butter Boy sired the Reserve All-American Gets for 1958 and 1959. His daughters have records up to 1061 lbs. of fat.

Carnation Skylark Wayne, the dam of Sally Mutual Skylark is "Excellent" in type. She has a top record of 1043 lbs. of fat and a lifetime total to date of 174,246 lbs. of milk 6881 lbs. of fat and is still going strong. The Wayne family is an outstanding family.

Due October 5, 1961 to the service of Carnation Royal Lancer "EX." Silver Medal Type sire. Royal Lancer was Reserve All-American Aged bull for 1959, Honorable Mention in 1960 and Honorable Mention All-American two year old in 1958. He is a Butter Boy son from an "Excellent" 1133 lb. dam.



Carnation Winie Madcap

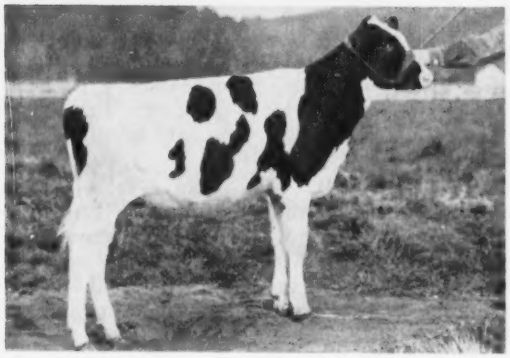
Born Feb. 28, 1960

This is a beautiful, sharp, clean cut daughter of "Very Good" Gold Medal Frasea Ideal Pilot from a great 1,000 lb. brood cow.

Her dam completes a six generation group of 1,000 lb. cows and is the dam of a "Very Good" 1,027 lb. daughter which completes the world's only seven-generation group of 1,000 lb. cows.

You will like this heifer and she is a real foundation female in every respect.

Selling open.



Carnation Fobes Lola Maud

Born Sept. 13, 1960

A beautful, richly bred daughter of Carnation Royal Master. Her "Very Good" dam is a full sister to Carnation Lola Skylark Madcap the "Very Good" 1,027 lb. maternal sister to Carnation Winie Madcap mentioned above as completing the world's only seven-generation group of 1,000 lb. fat cows.

Her dam has 14,367 lbs. of milk 568.5 lbs. of fat in the first 225 days of her current record.

You seldom get a chance to bid on heifers of the calibre of these heifers.

We will gladly send pedigrees and complete information to any one interested in them.

Carnation Milk Farms

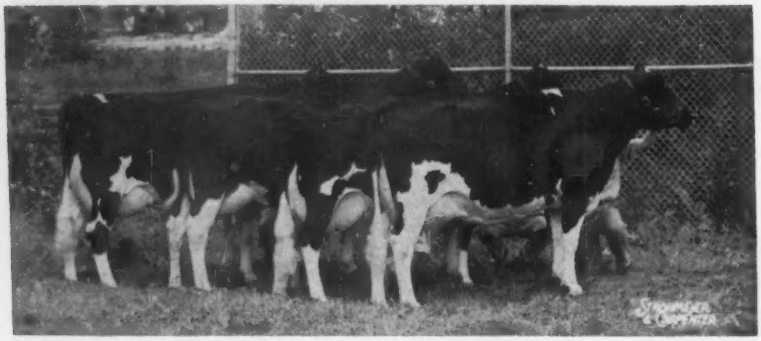
CARNATION MILK FARMS

Dept. No. S-5

Carnation, Washington

Calf Manna FED

A SISTER TO THESE FOUR SELLS AT CLEVELAND



1960 ALL-AM. GET OF AMCANA DICTATOR MODEL 1148993

The dam of Fineview Model Linda is a daughter of Curtiss Candy Robel Curtiss with a 2-yr. old record of 13,410M 4.0% 539 F. in 318 days. So far (as a 3-yr. old) she has in 250 days 13,580M with 523F. She should go over 600 lbs. fat in 305 days, and should have that by sale time.

She was classified last year as a 1st calf heifer: 84-Good Plus with this breakdown; + + V V V V V E. She was grand champion at the St. Lawrence Co. Fair, 1960.

Fineview Model Linda would show as a senior yearling this fall, is due at fair time with first calf and bred to the popular Gray View Skyliner (EX).

Our DHIC herd average through April 1961 - 45 cows - 16,402M 3.5% 579 F.

BE SURE TO LOOK UP FINEVIEW MODEL LINDA AT CLEVELAND

SHE IS

Fineview Model Linda 4984432

Born Aug. 10, 1959

She is a daughter of Amcana Dictator Model, thus a paternal sister to the All-American Get of Sire of 1960.

— HER SERVICE SIRE —

GRAY VIEW SKYLINER (EX-92)
Gold Medal
HFA — 19 daus.
2X 305 15,979 3.7% 592

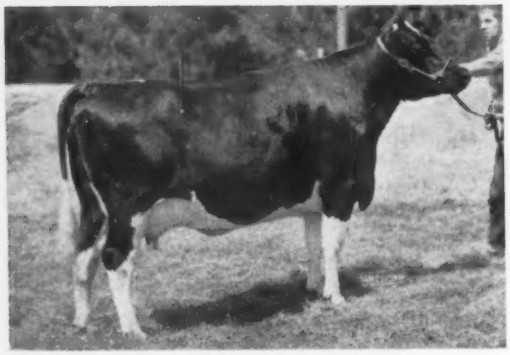
Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

Fineview Farms

Robert M. Thompson Ogdensburg, N. Y.

Our Excellent "Marge" Goes To Cleveland

— SELLING —



ROCKCREST RAVEN MARGE (EX)
Finishing over 500 lbs. F. 4 yrs. on 2X.
2y5m 2X 334d 13,145M 3.5% 466 F.

9 yrs. Prog. Br. Award
5 EX - 19 VG - 13 GP
1 G - BAA% - 107.1

She is a daughter of Pabst Raven Weber, 3rd prize bull calf Waterloo, 1954; he is a son of "Raven" from a VG dtr. of Burke.

Dam of Rockcrest Raven Marge is Rockcrest Admiral Roselee, 600-lb. 3-yr. old dtr. of Rockcrest Burke Admiral, Excellent and Gold Medal; the next dam is Rockcrest Burke Marge Sunbeam, dtr. of the GM Pabst Burke Piebe Tritomia with 11,331M and 3,981F. in 2578ds. while the next dam the VG Rockcrest Maggie Pride with 144,559M 5,139F. in 3005 ds. — a super Rockcrest pedigree.

HER SHOW RECORD: 1st prize 4-yr. old, reserve sr. and reserve grand champion in 1960 at both Iowa State Fair and the All-Iowa show. In 1959 - 1st 3 yr. old at All-Iowa.

. . . Rockcrest Raven Marge is due to freshen again in August to the service of Woodbourne Inka Reflector.

IOWA Rupp's Holsteins

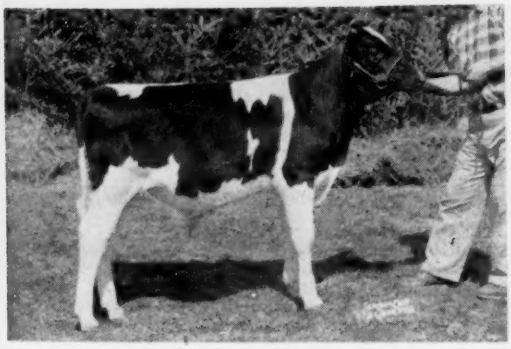
ROCKCREST Farms

ELKADER, IOWA

A. J. JOHNSON, Owner MILFORD KOEHN, Herdsman

Consider Well Your Choice Of These Three

A Name To Remember!



SKOKIE CHAMPION
Born Oct. 9, 1960
Son of **Skokie Benefactor "VG-SMT,"** proven son of Dunloggin Golden Princess "EX-GMD-1046." His dam is Skokie Princess Roamer Nan "VG-88," daughter of Pabst Roamer "EX-GM" from a daughter of Dunloggin Lochinvar Prince "EX-GM." **Skokie Champion** is a full brother to **Skokie Good Nan,"** the quadruple National Champion 2-Yr-Old who now has 30,662 M and 1076 F as a 4-yr-old. She in turn has 2 daughters, both "VG-86."
See page 72 of May 10 WORLD for complete pedigree on Champion.

THEY ALL SELL

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

ELMWOOD FARMS

Lake Forest, Illinois

★ ★ ★

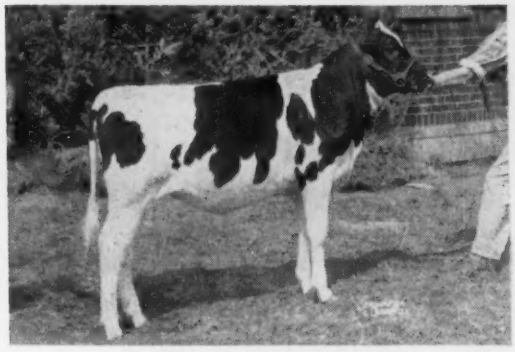
A Last Reminder To Consider Well Your Bid!

★ ★ ★

Truly Named! — Truly Great!

SKOKIE NOBLY BORN GRACE "VG-86"
335d 2y 2X 13,636 M 601 F (inc)
A daughter of Zurbridge Nobly Born "VG-GM," son of Cherrybold Admiral Burke "EX-GMD." Her dam is Skokie Golden Creation Grace "VG," a daughter of Ravenglen Creation "EX-GM" who had 529-lb. fat in the 1st 197 days as a 4-yr-old (died before completing lactation). Second dam is **Skokie Golden Grace "VG-88 at 2y,"** the 846-lb. daughter **Dunloggin La Grace "EX-GMD-866f"** sired by Skokie Golden Prince "VG-GM."
She was bred Aug. 27 to **Skokie Black Magic,** son of Skokie Golden Joy "EX-1301f, 2X" and the sire of the $14,000 bull in the 1961 Wolverine Classic. See page 73 of May 10 WORLD for pedigree.

A Rarely Bred "Duke" Heifer!



SKOKIE DUCHESS POSCH
Born July 1, 1960
A show daughter of **Skokie Duke "EX-92,"** our senior herd sire and a son of Skokie Golden Joy "EX-1301f, 2X." The first 6 classified Duke daughters averaged 84 points as 2-yr-olds and they are really milking well as first calf heifers. Her dam is a **Skokie Sensation "EX-SMT"** daughter with 620 fat at 2 years on 2X, 3.9%. Second dam is an "EX" Ravenglen Creation "EX-GM" daughter with 750 fat. The 3rd dam is "VG-88" with 886 fat on 2X and is a former Illinois State Champion.
This beautiful calf is born just right for the senior calf class this year and she is a good one.

★ ★ ★

When You Buy A "Skokie" — You Buy The Best!

Ebonite Jelta Ona Wayne

(GP-84) Sells at Cleveland June 8th

"Both Granddams Gold Medal"

Her records:

3y	5m	2X	15,091	4.3%	650	HT
2y	4m	2X	13,821	4.1%	562	HT

Her full sister, Ebonite Julia Ona Wayne (VG-88) has 7y 2m 365d 2X 16,546 4.0% 663f.

Her dam is Ona Pabst Ormsby (VG), dtr. of Pabst Roamer with 15,219 4% and 606f in 307ds., 6½y, 2X. Three other recs. well over 500f.

Her granddam is the 100,000-lb. GMD cow pictured and the third dam is Very Good with 203,000 lbs. M. lifetime.

Jelta's sire is Pabst Jess Rewayne (GM), son of Pabst Jess (VG-SMP) and Pabst Regal Wayne (VG-GMD) with 1103f and 30,506m at 5½y.

SIX 100,000-lb. COWS AT EBONITE

Jelta's gr'ddam is in left foreground. She is Ona D. Wayne Ormsby (VG), our 1st Gold Medal Dam. Her 10 lacts. avg. 14,315 M 4.0% & 654 F

Jelta is fresh & milking heavily!

• EBONITE •

H. M. GANS — GANS, PA.

Phone Pt. Marion 5579

To the National Sale —

Fountain Farm Miss Chief

Born December 15, 1958

A very nice black heifer due three weeks after the sale!

Her Sire: FOUNTAIN FARM MASTER (SMP)

Comparison on 16 HT pairs:

Dtrs. ave.	13485	3.84%	518
Dams ave.	13000	3.83%	498
Increase	485	.01%	20

1 with 868 lbs., 5½y, 2X, 4.1%; 3 with 721, 745 and 785 F. 2X.

15 cl. dtrs. ave. 80.9 - 101.6%

Full brother to—

Fountain Farm Elm Robin (VG)

353d 4y 2X 16858 4.3% 732 HT

He is by Elmcroft Colanthus Posch M (VG-87), son of Montvic Monogram. His dam is a twice over 800f 4% cow with a lifetime of 170,436M 4.2% and 7110F.

Her Dam: FOUNTAIN FARM SNOW CHIEFTAIN (GP-84)

6y	6m	365d	2X	19,607	4.5%	874	HT
5y	3m	365d	2X	18,635	4.3%	800	HT
4y	1m	340d	2X	17,389	4.3%	781	HT

Next dam has a lifetime record of 141,355M and 5090F.

Miss Chief is bred to Fountain Farm Vanguard who is by former herd sire, Glenafton Centurion Bonheur, and out of an 868-lb. 5½y dtr. of Master.

FOUNTAIN FARM

JOHN C. THOMPSON & SONS

Newtown — Pennsylvania

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

Our New Classification —

10 Excellents - 25 VG - 18 GP - 2 G

Herd Average of 86 — 10 Excellents

All Home-bred

★ ★ ★ ★ ★ ★

To Ohio Convention Sale

"The Heart of the Shanghighs"

A SHOW 2-YEAR-OLD HEIFER

Due in August to the Reserve All-American Bull Calf, 1957, Shanghigh Exec Supreme Hi Boy.

Her dam is the Excellent SHANGHIGH VAR RAG APPLE NANCY, Nominated for All-American and now with nearly 100,000 lbs. milk.

Her sire is the Excellent SHANGHIGH EXEC DOUBLE BUD (SMT), one of the most popular bulls ever used at COBA.

Visit Us

Home of the Shanghighs

LEWIS & SONS

2920 Tylersville Rd. — HAMILTON, OHIO

An "Elsie Leader" Dtr. from

A 709-lb. 2X Dam to National

She is —

STELLA ELSIE DUTCHLAND

Born October 14, 1959

HER SIRE

IDEAL BURKE ELSIE LEADER (EX-GM)

170 prs. dtrs. avg. 82.5, plus 2.80% above Expectancy. 97 Prs. dtrs. avg. 16,111 3.65% 588F.

Her Dam: SHARI ORMSBY DUTCHLAND

7y 343 2X 18,070 3.92% 709 DH

She has other records of 589, 530 and 490 lbs. fat.

Her granddam has 523 lbs. fat, 4% and her great-granddam has 531f, all 2X.

The dam is by Fohon Mankato Royal Ormsby, son of a 909-lb. great show cow that was six times a Grand Champion.

Stella was bred January 17, 1961 to Walkway Honeyman Rusty, son of a VG-87, 1032-lb. 5.4% dam. This will be a valuable calf!

Harold E. Williams

LAKE CRYSTAL — MINNESOTA

This Outstanding Young Heifer To The Ohio National Convention Sale

ANDREAS CREATION GINGER

Born Feb. 2, 1959

Due at Sale Time to the Service of ANDREAS FAIR COUNT

This young heifer is from one of our proven cow families. She is sired by Skokie Creation Commodore. His sire, Ravenglen Creation (EX-Gold Medal Sire). His dam, Skokie Princess Vera (EX) with 966 fat, 24,070 milk 4.0% test on 2X.

ANDREAS CREATION GINGER

Her dam has three records over 600 lbs. fat on 2X. The maternal granddam is the state record 2-year-old with 770 lbs. fat from 18,960 lbs. milk 4.1% on 2X.

YOUNG BULL FOR SALE FROM DAM WITH OVER 700 LBS. FAT ON 2X
CHOICE FOUNDATION FEMALES FOR SALE AT ALL TIMES
OPINIONS DIE - RECORDS LIVE FOREVER

While traveling to or from the Convention, let your plans include a visit to the—

ANDREAS STOCK FARM — Beach City, Ohio

Visitors Welcome **Phone: Strasburg 4560** **Bangs Certified**

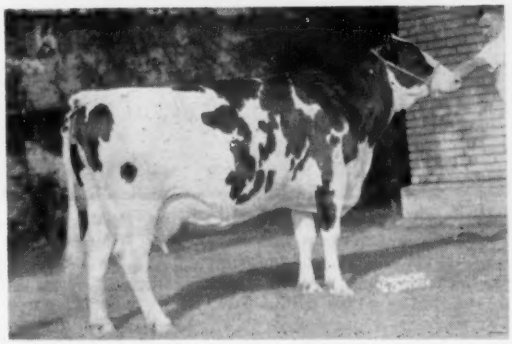
Farm located 70 miles South of Cleveland at Intersection of U.S. Routes 250 and 21.

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

In Addition to FULTONWAY IVANHOE DYKE Go —

Two Top Females to Cleveland

Selling **A Son and Daughter Sell**



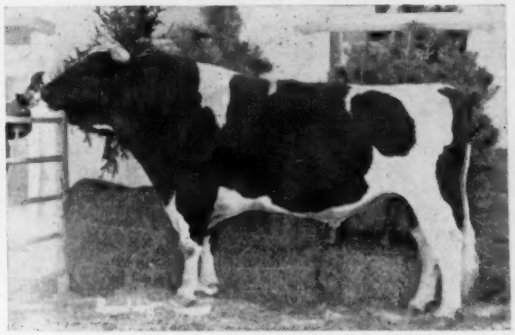
MACHOLD SEGIS HELEN (GP)
4y-5m 349d 2X 17,790 3.7% 664
Three other records well over 500 lbs. fat, including her record in progress.

Helen is sired by a son of 781-lb. 4.1%, 2X cow and her dam has 581 lbs. fat, next dam with 566f, 3.9% and over 100,000 lbs. 4% milk.

Helen has a 2-yr-old daughter with 523 f (Inc.). She is due after sale to Fultonway Schoolmaster, Van Dyke's maternal brother by U. N. H. Schoolmaster (EX-92-GM).

Ivanhoe Dtr. From a Great Family Selling —
FULTONWAY IVANHOE DAISY (9-3-59)
Her dam is a twice over 700-lb. to 734f, 2X. Good Plus daughter of Lauxmont Admiral Lucifer! The dam's name is Fultonway Lucifer Joan and she was the Jr. Champion female at the 1957 Pa. Farm Show and member of the 1st prize Open Get of Sire. Granddam is GP with 756f and a VG dtr.; 3rd dam VG-600f, 3.8% dtr. of Lauxmaster and 4th dam a VG-634 F, 2-yr-old!

Daisy is due in Aug. to Fultonway Schoolmark, our Schoolmaster son of Van Dyke's EX-92 798-lb. granddam!



OSBORNDALE IVANHOE (VG-GM)
29 dtrs. avg. 15,686 3.8% 596 (plus 2146 M, .09%, 94 F), 50 class. dtrs. avg. 83.1 (104.6% BAA), 4.25 above expectancy. 4 "EX" dtrs.

See our ad page 86 of the May 10 WORLD for complete information on Ivanhoe's son, Fultonway Van Dyke!

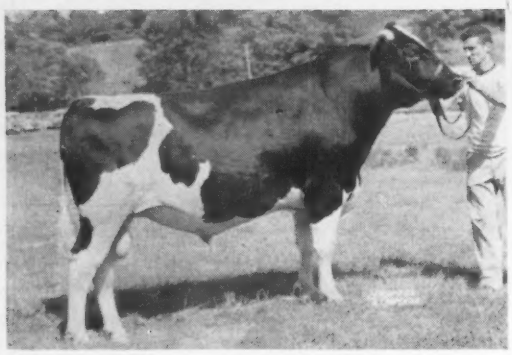
FULTONWAY FARMS

J. Mowery Frey & Son **Phone EX 4-6567** **R. D. 7, Lancaster, Pa.**

MAYERS DUCHESS JOAN ELLA

Born Mar. 30, 1959 — Due Aug. 31 to "CAPITAINE"

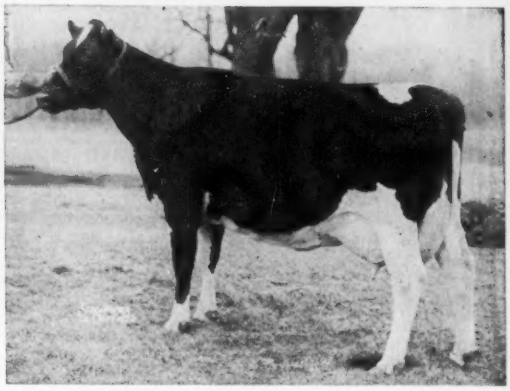
Her Sire . . .



Mayers Majesty Duke

The $25,000 son of DARK ANNA - see her udder picture on opposite page. He is a double grandson of Creston Grand Majesty, sire of the All-American Get 1958-59. His 2-year-old Get was 6th at both Waterloo and Chicago, 1960.

. . . Her Dam

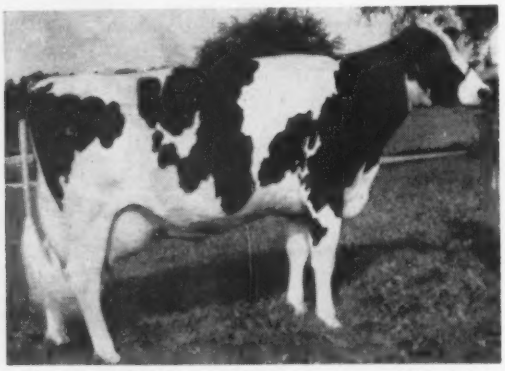


Mayers Mistress Joan Ormsby (EX-91)

6y	358	3X	21,263	4.1	869	HT
7y	365	3X	20,056	4.2	812	HT-SA
4y	335	2X	17,640	4.3	748	DHIA

Again making close to 800 lbs. fat.

Her Dam's Full Sister . . .

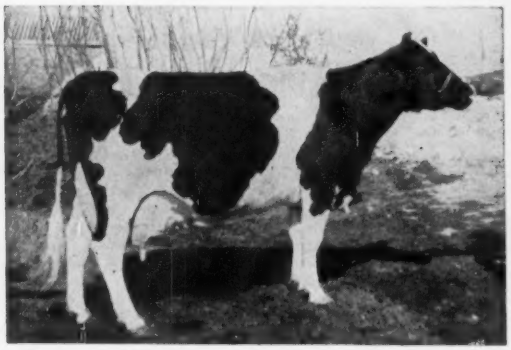


Mayers Mistress Fobes Agnes (GP-84)

5y	365	3X	24,490	3.6	882
4y	365	2X	19,040	3.9	692
6y	310	3X	19,666	3.8	752

* In progress, should make over 825 fat

. . . Another Full Sister to Her Dam

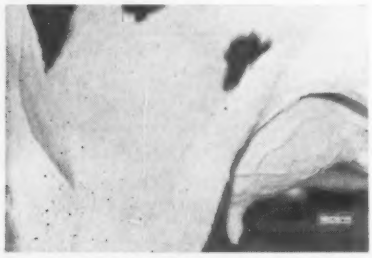


Mayers Mistress Fobes Jane (EX-92)

A Member of the Great All-American Get.

9y	365	3X	25,703	4.1	1060	HT
6y	365	2X-3X	22,090	3.8	849	DHIA
7y	360	3X	21,793	3.7	822	HT

Her ¾ Sister . . .



MAYERS DUCHESS LASSIE FAITH
A "Duke" daughter and ¾ sister to "Joan Ella" the heifer selling.

This heifer is a 100% sister to the $3600 "Jane Pearl" purchased by Houckhall in last year's Convention Sale — out of Jane's full sister, "Joan."

She is larger than the 1960 heifer, at the same age, and a prime show prospect, due August 31st with a valuable calf, bull or heifer.

. . . A Paternal Sister

MAYERS DUCHESS DAISY BLONDIE
A "Duke" daughter - top Hon. Men. All-American 2-yr-old 1960. 500 lbs. fat.

GOES TO THE CONVENTION SALE

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

The All-American Get of Creston Grand Majesty

From the left: DARK ANNA (EX-92); FOBES JANE (92-EX full sister to "Joan"); KAREN (EX-90); LASSIE GIRL (EX-92). At the 1960 Wisconsin State Fair we used "Joan" in place of Dark Anna to win the class. Joan and Jane were 2nd Produce.

Her 3 nearest dams average 1021 lbs. fat, 4%!
Dam, EX-92; Sire's Dam, EX-92; Dam's Full Sister, EX-91; Service Sire's Dam, EX!
What a combination of type and production—and just think of the calf she is carrying!

VENTOR BUTTER MISS FOBES
9y 365d 2X 27,033 4.0 1103
Dam of Jane, Joan and Agnes, and maternal granddam of "Joan Ella."

The Senior Get of Mayers Majesty Duke

All 2-year-old heifers, this Get was 6th at both Waterloo and Chicago in 1960. Included is Mayers Duchess Daisy Blondie, top Hon. Men. All-American 2-year-old, 1960.

DARK ANNA (EX-92)
Records of 1090, 1052 and 1007 lbs. fat, 4%. Member of All-American Get. Dam of "Duke."

WHAT A PEDIGREE! WHAT A HEIFER!
See Her at the Sale and Buy Her

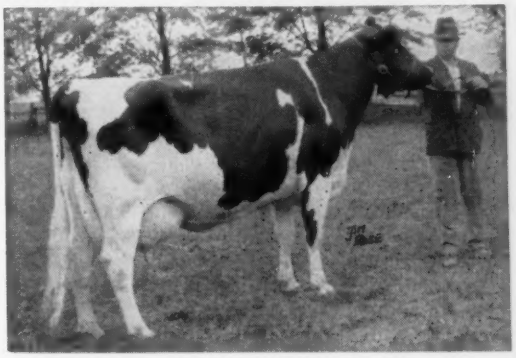
ROMANDALE CAPITAINE - the Service Sire

Our son of BOND HAVEN RAG APPLE MAPLE (VG) whose daughters made him the Leading Honor List Sire in Canada for 1959. He sired the All-American and Res. All-American Aged Cows 1959—the first time in history both have been by the same sire.

MAHONEY BABE LOCHINVAR (EX)

5y	365	3X	26,321	4.2	1117
7y	365	3X	25,256	4.2	1054

7 lacts. total 133,058 milk, 4.13%, 5498 fat (all 365 days or less). She is the dam of the Service Sire, ROMANDALE CAPITAINE.



MAYER FARMS

CLASSIFICATION AVERAGE
85.6 POINTS
15 EX. - 28 VG - 37 GP - 6 G

CHRIST A. MAYERS & SONS
RT. 1, SLINGER, WISCONSIN

HIR Test
Vaccinated

Selling June 8th

CHURCHOLM ARISTOCRAT ROBURKE
Born Jan. 6, 1959
High Hon. Ment. All-New York Jr. Yearling Heifer, 1960. First at several County Fairs and 3rd at the New York State Fair.

● This beautiful heifer is a daughter of the popular Council Rock Worthy Aristocrat (EX-GM) and her dam is Beverly Church Farm Roburke (VG-88), a daughter of Oakcrest Roburke Dean (GM) with: 4y 337d 2X 24,000M 3.5% 832F. She came back with 724f at 5 yrs. and this year has 364f in the first 94 days, 4.4%.

The second dam has over 100,000 lifetime with 2X records to 719f and the 3rd maternal dam has 633f and right at 100,000.

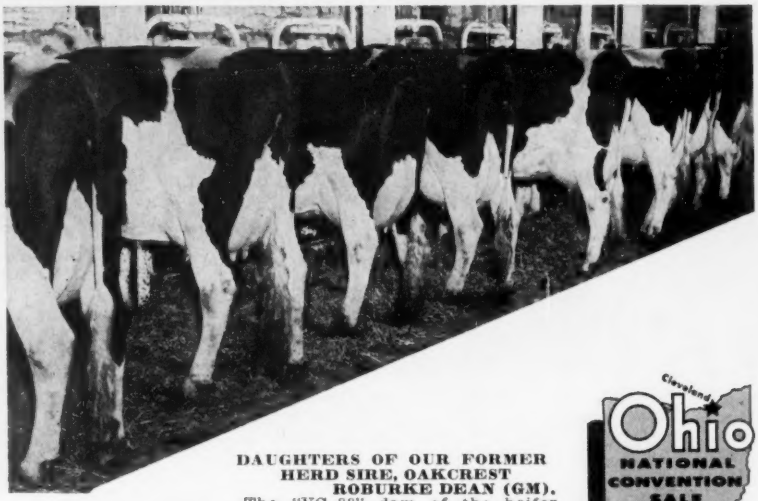
A maternal sister sold for $1750 as a bred heifer in last year's Convention Sale and she was a Reserve All-N. Y. calf.

She is due Aug. 10th to CHURCHHOLM REGAL COLLINS-CREST (VG-89), son of Collins-Crest Regal Fobes (EX) from an "EX" 599-lb. show daughter of Oakcrest Roburke Dean (GM).

This family produced seven All-State Award winners for us in 1960.

◀ This "ARISTOCRAT" Going To Ohio

A Combination Of 2 Great Gold Medal Sires
Paternal Sisters To Her Dam



DAUGHTERS OF OUR FORMER HERD SIRE, OAKCREST ROBURKE DEAN (GM).
The "VG-88" dam of the heifer selling is a Roburke Dean and the "EX" dam of the service sire is a Roburke Dean. 23 Roburke Dean daughters ave. 84.7 for type and 16,077M and 590F for production.

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

CHURCHOLM HOLSTEINS Robert C. Church & Sons R. D. No. 2, Baldwinsville, N.Y.

PBR Herd 1959-60

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

An 866-lb. 2X Cow To The National

Selling June 8th

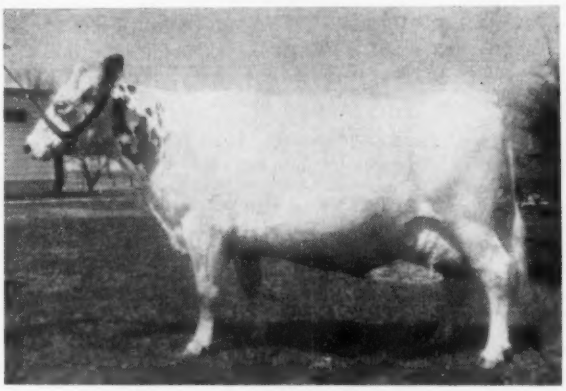
Fresh Again April 26th And Starting Strong

YARSONS SUCCESSOR PEG (GP-84)
6-3 365d 2X 17,256M 5% 866F HT

5-3	315d	2X	13,189M	4.9%	645F
4-3	280d	2X	10,501M	4.6%	479F
3-0	361d	2X	11,479M	4.4%	507F

She is a daughter of Denholm Successor Pat, a son of Raymondale Ideal Successor. Her dam is a 573-lb. daughter of Abegweit Touchstone from a dam of Abegweit breeding.

Peg was fresh April 26th with a nice bull calf by her own son, Yarsons Successor Prince, a show bull and a son of Uneeda Pica Prince.



YARSONS SUCCESSOR PEG (GP-84)
6-3 365d 2X 17,256M 5% 866F HT
Fresh April 26, 1961 with a nice bull calf, also selling. He is sired by Peg's own son, a show bull sired by Uneeda Pica Prince.

Our 1960 Lactation Average: 37 L 15,818 M 3.93% 621 F

(This is our 4th year over 500 lbs. fat)

YARSONS REGISTERED HOLSTEINS

Mr. & Mrs. Mike J. Yarosh & Family R. D. 2 Wellington, Ohio

Sunnydale Farm Presents

— Selling June 8th —

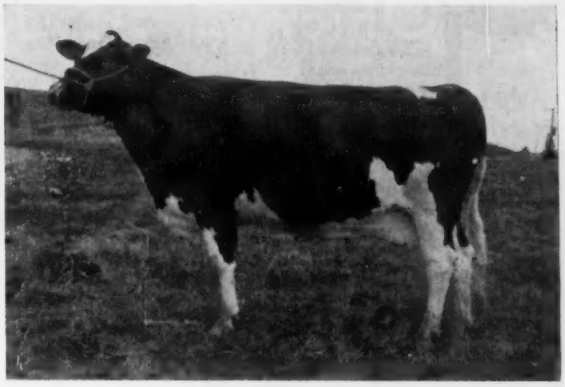
This Potential 1000-lb. Cow In The Convention Sale

Sunnydale Sally Admiral ➳

2-1	325d	2X	12,484M	3.97%	493F
3-3	365d	2X	17,933M	4.2%	769F

We think this great young cow is a top prospect for the future. Rich in Dunloggin blood, her dam is a daughter of the well known Dunloggin Reprint.

Born Sept. 18, 1956, she is due before the sale to SUNNYDALE LEADER VAR PRIDE.



SUNNYDALE FARM has received the Progressive Breeders Award in 1955, 56, 57 and 60. We have developed four Silver Medal Production Sires and one Gold Medal Sire. Our HIR production has been well over 550 lbs. fat for many years.

Our herd is Vaccinated, Certified, Accredited and Classified.

SUNNYDALE FARM

Horace Stewart
Jewett, Ohio

Athlone Profile Glitter 4869510

BRED HEIFER - BORN MARCH 14, 1959

A stunning black daughter of Carnation Profile, popular VG-Gold Medal Sire, from the Excellent 946-lb. fat 4% State Champion dam pictured here.

Bred Feb. 15. to

AGAIN ATHLONE ADMIRAL FOBES

Our former sire, now at Curtiss. His tested daughters here average over 660 lbs. fat, 4.2% and his classified daughters average 84.4 points at 2y and 3y. We have never had a daughter at Athlone fail to make 500 lbs. or more at 2y, 2X, actual. They have made up to 812 lbs. at 2y, 2X.

A RARE INDIVIDUAL with a POWERFUL PEDIGREE:

Athlone Farm

Cert. - Acc. - Vacc. - HIR - Classified - PBR

T. E. COURTNEY — DE KALB, ILL.

Her "Excellent" Dam

WINMOOR RINGLEADER TRITOMIA (EX)

4½y	365d	2X	23907	4.0%	946
(Illinois State Leader)					
6y	365d	2X	21778		719

Milking up to 126 lbs. a day in current lactation. She has a solid Carnation pedigree.

"Peggy" — Maternal Sister To 1866-lb. "Patsy"

Goes to the Convention Sale . . .

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

We made this consignment with great reluctance because the dam of Peggy and Patsy was lost following her last calving.

1. Peggy is a bred yearling, in calf to Council Rock Worthy Aristocrat (EX-GM). (Patsy and Marie are also bred to him)

2. Her dam's lifetime record is 124,330 lbs. milk with a top record of 18,072 lbs. milk in 305 days.

3. Dam of the service sire has 7y 2X 365d 26,427 3.8 1010.

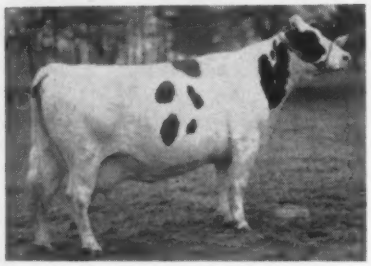
4. Dam of the service sire is a ⅝ sister to Breezewood Rag Apple Sally (VG) with 29,987 M and 1276 F 2X 365d.

5. Peggy combines our two National record cow families, her sire's paternal sister National Champion 3-yr-old with 1228 Fat.

6. Peggy is by our proven former sire, Breezewood Champion, now in service at MABC, whose 13 HT daughters have an acutal average over 560 lbs. fat at less than 24 months old, 2X.

7. Peggy's full sister is GP-83 at 2y with 11,950 4.1% 490 2-1 2X 305d. Her ¾ sister is promising 1000 lbs. fat at 3 years.

HER MATERNAL SISTER



Princess Breezewood R A Patsy					
4y	364d	2X	31,662	3.5	1109
5y	365d	2X	36,821	5.1	1866
6y	365d	2X	30,621	4.6	1397

World Fat Champion - All Breeds
Her maternal sister sells!

Accredited — Certified — Vaccinated

BREEZEWOOD FARM

GELBKE BROS. — VIENNA, OHIO

A Sensational 2 Yr.-Old To The--

★ ★

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

HOWACRES GYPSIE MILDRED 4834612

Mildred is by Bessie B F Gypsie Leader, son of Wis Leader (EX-GM-sire of 37 EX) from Gypsie Mooie Piebe (EX-907 lbs. fat - 1 EX dtr.)

Her dam, Howacres Homestead Miranda (GP-84) -

4-2	2X	307	16,027	4.9%	778
3-2	2X	281	13,164	4.6%	609
2-2	2X	326	12,332	4.8%	589

Sold in 1960 Earlville Invitational sale to Murray Lincoln, Ohio

Mildred is due in August to Rich-Herd Reflection Madcap, grandson of ABC Reflection Sovereign; all classified dams in pedigree are Excellent.

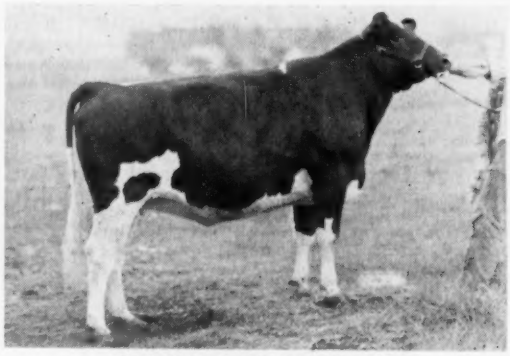
See her June 8 at Cleveland.

HOWACRES

James K. Howe & Son Tunbridge, N. Y.

TO CLEVELAND —

This Flashy Daughter of NEMAHA REROYAL BURKE (GM)



JOHANNA REROYAL GOLDIE
Born 12-4-58

Her sire has the following increase on 521-lb. dams: +139F +.35% +2,239M. - 25 prs.

Her dam is Ormsby Johanna Solid Gold, dtr. of Jonabell Solid Gold with the following records, HIR:

6y11m	2X	348d	14,291 M	4.2%	605 F.
5y11m	2X	336d	13,995 M	4.0%	552 F.
4y11m	2X	308d	12,581 M	4.2%	530 F.
4y 0m	2X	328d	12,271 M	4.1%	503 F.
3y 0m	2X	326d	12,282 M	4.1%	509 F.

The next dam has 741-lbs. fat - 2X - 4.1% - while the third dam has 618 F. - 2X.

Johanna Reroyal Goldie is due in July to the service of the noted Gray View Skyliner (EX-GM).

Be sure to watch for her at Cleveland, June 8.

Jesse F. Hartzler

SMITHVILLE — OHIO

FROM "SEQUOIA" TO CLEVELAND

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

SEQUOIA IDEAL JO MAUD 4861410

This Showy Daughter of Sequoia Ideal Jo

Sequoia Ideal

← *Jo Maud* **4861410**

She was born 1-26-59.

Her sire, Sequoia Ideal Jo, son of Wis Burke Ideal from the VG, 853-lb. Sequoia Jo Princess Darlene, daughter of Rocky Hill Liberator Dusty Jo.

The first 9 dtrs. of Sequoia Ideal Jo to complete 305 day records ave. 305d ME 16,580M 4.0% 662 F. (unofficial averages). The next 20 are milking in a similar manner. . . . "You'll love their Milky Ways."

Dam of the heifer selling, a daughter of the GM Lavacres Dusty Jo Vargo, is Sequoia Var Jo Dusty Maud (VG); her records: 4y11m 305d 2X 16,687M 4.5% 751 F. Her record at 3y8m 298ds. 12,911M 4.5% 576 F.

The next dam is the Excellent 792-lb. daughter of Rocky Hill Chief Mont Dusty Jo pictured below.

— Service Sire —

SEQUOIA JO STAR 1272943

SEQUOIA IDEAL JO MAUD WAS BRED DECEMBER 24th TO SEQUOIA JO STAR (SMT).

He is our son of Rocky Hill Liberator Dusty Jo (GM) from the Excellent Rocky Hill Monty Bonheur Aaggie, Hon. Ment. All-American 2-yr. old of 1947 with records to 601 fat.

The first 11 classified daughters of Sequoia Jo Star at 2-yrs. are 4 VG and 7 GP, none below 82 - average 83.64 or 106.3 BAA.

His first 17 dtrs. ave.:

305d ME 16,100M 3.98% 639 F.
(unofficial average)

Her Mat. Granddam

← **ROCKY HILL JO MONTVIC MAUD (EX-92)**
6y 315d 2X 17,718 4.5% 792
She has a long list of high records and her dam with records to 551 F. has a full sister with 851 of fat.

→ **SEQUOIA JO STAR MAUD (VG)**
HIR 350d 2y3m 14,751M 3.9% 575F.
Maternal sister to the heifer selling sired by the service sire, above, Sequoia Jo Star.

Her Maternal Sister

TWO PATERNAL AND THREE-QUARTER SISTERS TO SEQUOIA IDEAL JO MAUD HAVE RECORDS AT 2Y3M BOTH ABOVE 16,500 MILK AND 712 FAT

Further, the maternal granddam of the service sire, Sequoia Jo Star is the Excellent Montvic Bonheur Abbekerk daughter, Rock Hill Mont Laura Aaggie with records to 909 F.

He is our sixth linebred "Dusty Jo - R.A." and we are sure he is coming along to be the Star of them All.

SEQUOIA RANCH

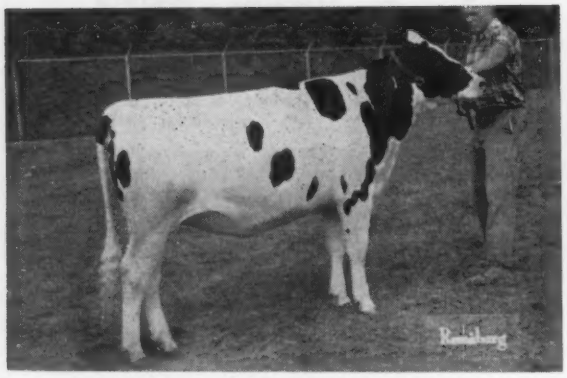
Mark L. Borror — JEfferson 9-2777
Box 458 — Springville, Tulare County, Calif.
Bruce W. Borror — JEfferson 9-2351

OUR BEST "TRUSTEES"

To The National Convention Sale

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

SELLING



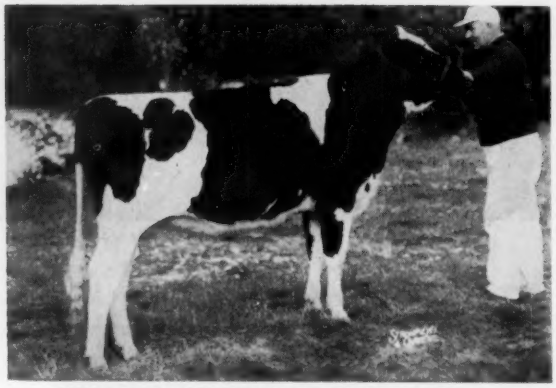
MD POND VIEW TRUSTEE HELENE
Born Jan. 1, 1957
All-Maryland Jr. Yearling Heifer, 1960
Res. Jr. All-American Jr. Yrlg., 1960

She is out of a daughter of Rolling Knoll Master Cross whose get was Hon. Mention All-American in 1957. Her dam's records.

5-4	365d	2X	27,350 M	979 F
4-3	360d	2X	23,159 M	892 F
3-1	305d	2X	19,191 M	728 F
	(Md. State record when made)			
2-2	302d	2X	15,350 M	569 F

HELENE is due in September to Md Pond View Reflection Al, a son of ABC Reflection Sovereign from an "EX" 900-lb. dam.

SELLING



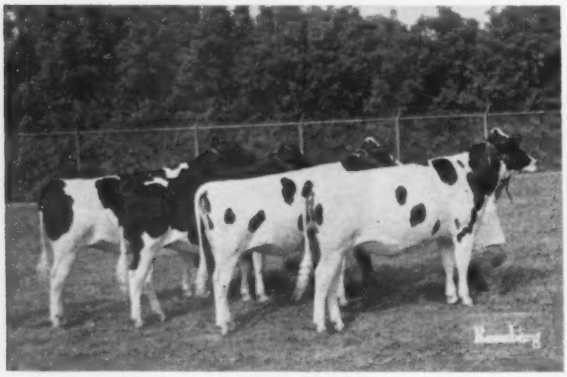
HICKORYVALE TRUST ESTHER (VG-88)
Born Jan. 8, 1957
Hon. Mention. All-American Jr. Yrlg., 1958
2nd prize Jr. Yrlg. Heifer, Waterloo, 1958

Above picture taken at that time. She has developed into a marvelous young cow and has these records to date:

2-1	365d	2X	13,553 M	4.3	583
3y	299d	2X	15,000 M		662 (Inc.)

ESTHER was bred Oct. 30, 1960 to Greenwood Sir Della, the most popular bull in the Md.- W. Va. Bull Stud.

A BLUE RIBBON TRUSTEE JR. GET



JR. GET OF ROSAFE TRUSTEE (VG-88)
All-Maryland Jr. Get, 1960

Trustee sired five All-Maryland Award winners, one Jr. All-American and one Res. Jr. All-American last year. Here is his 10 pair proof:

12 dtrs.	12 rec.	14,381	3.87	557
10 dtrs.	10 rec.	14,591	3.87	565
10 dams	42 rec.	12,996	3.79	492
Increase		+ 1,595	+ .08	+ 73

A BLUE RIBBON TRUSTEE SR. GET

SR. GET OF ROSAFE TRUSTEE (VG-88)
All-Maryland Sr. Get, 1960

Trustee is a top proven son of ABC Reflection Sovereign (EX) out of Glenvue Lorna Inka (2*brood cow). His full brother, Rosafe Inspiration, is the sire of the $22,000 Rosafe Inspiration Pontiac (EX-93).

Here is Trustee's type proof:

23 dtrs.	82.7	104.6%
20 dtrs.	83.1	105.1%
20 dams	82.5	102.6%
		+8.80

MD POND VIEW TRUSTEE HELENE and HICKORYVALE TRUST ESTHER have been consigned to the National Convention Sale at Cleveland, Ohio by Pond View Farm, Frederick, Md. and Hickoryvale Farm, Middletown, Md. Write to these farms for further information on this sensational consignment.

The "CLASSIC FIVE"

Maryland breeders of Registered Holsteins have always been noted for their cooperation with each other in their efforts to breed better cattle and promote their mutual interests. We five breeders identified below have decided to carry this cooperation a step farther with a planned and balanced program. Each of us will benefit from the experience of the others and, to keep the Holstein public informed, expect to advertise as a unit. We invite your visit or inquiry - if you are interested in obtaining top foundation stock, we offer you not one, but five herds from which to choose.

All Md. 3-Yr-Old Heifer, 1960

HICKORYVALE TRUST STARDUST
3rd 3-Yr-Old at Waterloo, 1960
1st 3-Yr-Old and Best Udder, Frederick County Fair, 1960. This is the kind that Trustee is siring.

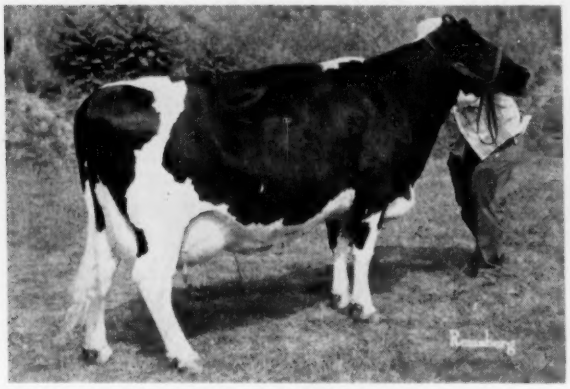
Rosafe Trustee (VG-88) Proven Sire Of Show Type

Many bulls sire good type but just a few sire show type. **TRUSTEE is a proven sire of show type.** Just last year he sired one Jr. All-American, one Res. Jr. All-American and five All-Maryland winners. He is also siring the kind that will develop into great cows.

A Daughter of A Full Brother To Trustee

ROSAFE INSPIRATION PONTIAC
(EX-93)
3y 365d 2X 19,287 3.86% 745
All-Can. 3-Yr-Old. Sold for $22,000 in Sheffield Disp. She is by a full brother to Trustee.

Her August Trustee Son For Sale



MYRTLEDALE THELMA POSCH (EX)

6-8	365d	20,480 M	753 F
9-6	365d	19,370 M	732 F

All other records 549 fat and over.
Grand Champion, Western Md. B & W '57
She always stood high in the Best Udder Class. A daughter of Rolling Knoll Master Ponty Posch (GM), a bull that did a sensational job in the Md. Artificial Breeding Coop. He has artificial daughters up to 1046 fat. Her Trustee son, born last August, is available. He is a great herd sire prospect for any herd.

Rosafe Trustee (VG-88) Proven Sire Of Production

Here is his sensational proof:

12 dtrs.	12 rec.	14,381 M	3.87%	557 F
10 dtrs.	10 rec.	14,591 M	3.87%	565 F
10 dams	42 rec.	12,996 M	3.79%	492 F
Increase		+ 1,595	+.08%	+73 F

ROSAFE TRUSTEE frozen semen is available at $10 per ampule. Write for further information.

LOGWOOD FARM
Millhauser & Hill
Reisterstown, Md.

CLOVER TOP FARM
Russell Wachter
Keymar, Md.

TOPVALE FARM
Chas. Ifert
Middletown, Md.

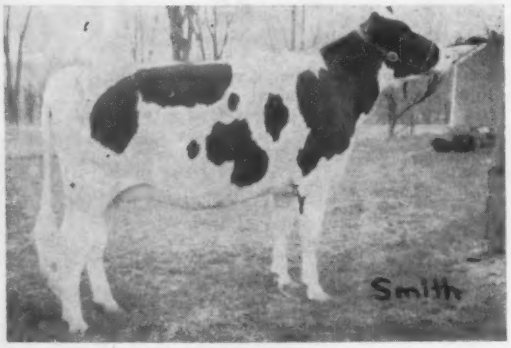
HICKORYVALE FARM
Ira D. Ifert & Son
Middletown, Md.

POND VIEW FARM
Allie Messer
Frederick, Md.

This Beautiful Heifer To The National

Selling June 8th

Her Sire's Dam



WECO PRINCESS ELLY
Born 3-5-59
Her dam is OLIVER ACRES CARNATION ELLA (VG-89), a wonderful daughter of Christy Homestead Duplicator (EX-SMT) with 3 records over 700 fat and going over 700 again this year. Second dam is "GP" with 689f and 3rd dam has 684 fat. This is a tremendous maternal line.

DUNLOGGIN DUCHESS ANNA (EX-94)
11y 365d 3X 25,627 3.7 941
Famous dam of the famous Erindale Dunloggin Anna (EX-95-1487). Her son, BUDD FARM DUNLOGGIN KING, is the sire of the heifer selling. King is the result of breeding Duchess Anna back to her own son, Budd Farm Master Ace (EX-SMT).

ELLY was bred Oct. 5th to the well known Beacon Milling Co. Herd Sire, Arnoldvale Dictator Dean (EX), son of Maytag Ormsby Fobes Dictator (EX-GM) from a high record daughter of Sir Bess Ormsby Fobes Dean (GM). What a pedigree this calf will have!

GAMBOLING HERD

NANCY R. SMITH

Rt. 3 Box 25 Williamston, Mich.

From Indiana to the

OHIO NATIONAL CONVENTION SALE

Cleveland, Ohio — June 8, 1961

CULVER LIEU LAD POPPY (Selling)
Born Nov. 7, 1958.
Calfhood Vaccinated.
Bred Jan. 13, 1961 to Clyde Hill Favorite Lad (VG-SMP).
Maternal sister to:
Culver Emperor Lad Honey
2-10 365d 2X 15407 3.7 572
4-1 165d 2X 11380 3.7 424 inc.
Culver Della Lad Irma
2-7 259d 2X 11580 3.9 451 inc.

CRESCENT BEAUTY LIEUTENANT
Very Good - Silver Medal Type
2 HT dtrs. with 738 and 780 2X
10 HT dtrs. from 600-695, 2X
Sire of:
Jr. All-American 2-yr-old 1956
1st Jr. Get, Indiana, 1958
Dtr. sold for $2800 in 1958 National Convention Sale.

CULVER LAD DICTATOR HAPPY
Good Plus - 83
5-10 363d 2X 22610 4.0 896
(Subject Approval)
4-5 365d 2X 17735 4.0 717
3-5 322d 2X 17309 4.0 692
2-3 365d 2X 15295 4.1 627

CRESCENT BEAUTY COMMANDER
Excellent
All-American 2-yr-old 1951
Sire Res. All-Amer. 3-yr-old 1954
HT dtrs. to 607, 2X.

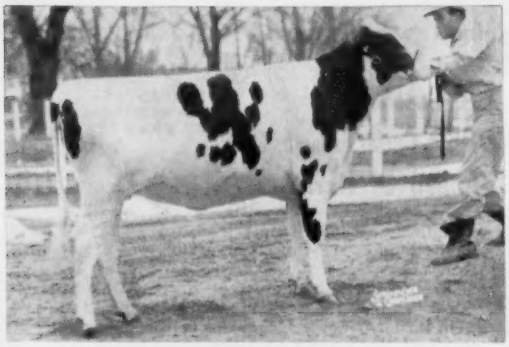
CRESCENT BEAUTY JULE MARGARET
Excellent
8y 365d 2X 16253 3.8 615

CLYDE HILL FAVORITE LAD
Very Good - SMP
2 HT dtrs. with 845 & 896, 2X
2 HT dtrs. with 705 & 730, 2X 4y
14 HT dtrs. 506-692 Fat 2X

UP-LANE DICTATOR DEAN HOLLY
Very Good - 86
7-1 365d 2X 19733 3.8 743
4-5 351d 2X 18664 3.7 692
Lifetime: Over 100,000 Lbs.
Daughter of "Dictator" (EX-GM)

JOHN A. NEWMAN & SONS — Rt. 2, Culver, Indiana

Accredited and Certified



TRUE TO THE OCCASION

We have again consigned to the National Convention Sale at Cleveland, Ohio the best bred young female in our herd. She represents the strongest concentration of Admiral blood it is possible to get today.

Sired by a son of Da-Co-Ton Crescent Fannie and out of Jule Vickery Juliana 2nd, she has for her three nearest dams three high scoring "Excellent" cows that average 792 lbs. fat 19,934 M. She has a maternal sister that has 709 lbs. F. with 17,982 M. and classified Very Good at 87 points.

Type and production are strong in every part of her pedigree, and as her picture indicates, she speaks for herself as an individual.

CRESCENT BEAUTY JULIANA (Selling)
Born: 3-25-59. Bred: Oct. 12, 1960 to Brook Lane Admiral, son of Brook Lane Commander Leola "EX". 1st 4-yr-old and Best Udder Wis. St. Fair 1960 4y 2m 365d 14962 m. 593 F. 4%

HER "EX" DAM

JULE VICKERY JULIANA 2nd
(EX - 92)
9y 365d 2X 14,450 4.1% 670
3rd Aged Cow, National Dairy Show, 1954. Has a VG-87 dtr. with 709F., 2X 3.9%. By Admiral Fobes Jule (SMT).

HER DAM'S "EX" DAM

JULE VICKERY JULIANA (EX)
6-10 247d 3X 20,846 3.5% 732
A great record, lost before she could complete it.
By Jule King Fobes (8 EX progeny)

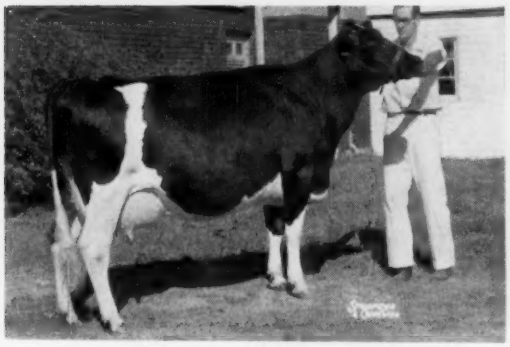
HER SIRE'S "EX" DAM

DA-CO-TON CRESCENT FANNIE
(EX-95)
365d 7y 3X 21506 M. 4.5% 973 F.
348d 8y 2X 20473 M. 4.4% 909 F.
Res. All-American Aged Cow 1957 and 1958.

ALLEN HETTS — FT. ATKINSON, WISCONSIN

This "VG-89" Show Cow Selling

Fresh With A Heifer Calf By Mat's Son
You Will Like This Dam & Daughter



FLO MAR USORA LOU (VG-89)
3y 334d 2X 12,960 4.4% 571
Best Udder at Medina and Berea, Grand Champion State Sale-Show, 1958, 1st 3-yr-old, Medina, 1958. Grand Champion three B & W Shows. 4th 4-yr-old, Ohio State Fair, 1959.

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

Granddaughter Selling

ROLLING KNOLL PONTIAC MAT (EX)
7y8m 339d 2X 15,540 4.0% 618
1st Best Udder '56 International.
Double granddaughter of Dunloggin Masterstroke.
Also 710 F., 11 yrs. and 699 F. 10 yrs.

LOU is a daughter of the proven Lamaga Xanquin Usora Jim (SMP) out of a granddaughter of Sir Transmitter Model Pride. We are using her son, Richman Stylemaster, as a junior herd sire. He was 2nd Bull Calf at the State Fair last year and a blue ribbon winner and junior champion at other County Fairs.

LOU was fresh April 12, 1961, with a beautiful heifer calf that will sell with her. The calf is sired by Rolling Knoll Roadmaster, a Richman herd sire, and a son of the "EX" Mat cow pictured above. What a pedigree and what a calf!

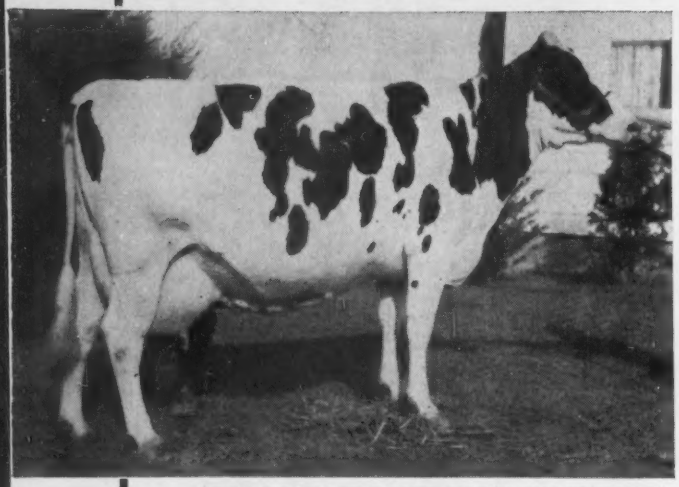
RICHMAN FARMS — Lodi, Ohio

Farm located 40 miles south of Cleveland.
Take U.S. 42 to Lodi, Ohio

Richard H. Kahn, Owner — **Kenneth F. Indoe, Manager**

This 1155lb. fat Cow Sells at the

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961



A Great Individual With A Great Future Ahead Of Her.

Daughter of Curtiss Candy Invincible (EX), son of the 1195 & 1175 lb. fat Curtiss Candy Proud Sally (VG); next dam (VG-1062 F.)
"Fobes" is a granddaughter of Sir Bess Ormsby Fobes Dean, sire of 7 Excellents, 1009 and 1116 lb. fat daughters, and she is from a strong maternal line.
"Fobes" is due June 20 to Skokie Benefactor (VG-SMT), 8 dtrs. ave. 19,899 3.9% 777; son of 1046 lb. cow pictured below. What a valuable calf she is carrying!

Dam of Service Sire

DUNLOGGIN GOLDEN PRINCESS
Excellent - Gold Medal Dam
365d 7y 3X 24,642 4.2% 1046

PER LEE PLACE PROUD FOBES 3934892 (VG-87)

5-4	365	2X	30,253	3.8%	1155
4-0	365	2X	27,145	3.7%	1003
(N. Y. Champion for Milk and Fat)					
2-11	348	2X	14,134	4.0%	564

— **See Her At Cleveland, Ohio, June 8** —

Mayhome Farm

HOMER P. JOHNSON -:- **Hudson Falls, New York**

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

WE THINK THIS SR. YRLG. IS A SPLENDID REPRESENTATIVE FROM OUR HERD - FOR OUR FIRST CONSIGNMENT TO A NATIONAL SALE

WE HAVE TYPE — PRODUCTION ALL WRAPPED UP IN THIS NICE BIG HEIFER

WILLOWLYN STANDOUT DUCHESS →

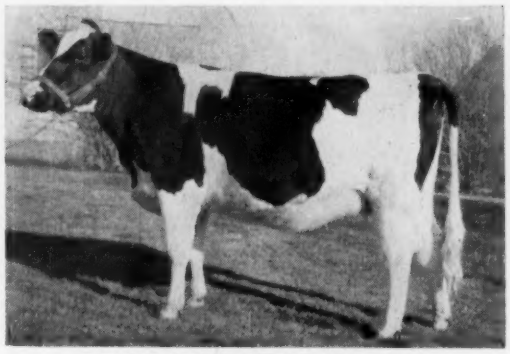
4630473

Her sire: **Friedel Standout Booster,** a son of Carnation Standout, has 15 daughters that classified ave. 81.2 on first classification; and the 7 that have completed 305 day production, average 15,257M 570 F.

Her dam: **Dark Valley Confident Duchess** classified Good Plus as a 3-year-old on first classification and an average production of 15,359 milk and 535 fat.

Service sire: **Christy Homestead Royal,** son of Carnation Celebrity, has 15 dtrs. classified 80.1 on first classification, and 9 that have completed 305 days with an average of 14,725 milk and 549 fat.

— **Selling** —



WILLOWLYN STANDOUT DUCHESS

Please check the sale catalog for complete information on this heifer and look her over before the sale at Cleveland.

WILLOWLYN FARMS

Homestead Breeding

J. W. & Jimmie N. Eustace - CATLETT, VA.

Cert. Vacc. Accred.

"OLD TRI"

DEKOL TRITOMIA BURKE

◄ORMSBY - Ex - 92 - Gold Medal Dam

"Tri" will be 17 in September and on April 19th she dropped her 14th calf, a son by Raven Burke Ideal.

She has a lifetime production of **177,443 M 7,001 F.**

"Tri's" Skokie Golden Prince daughter recently classified VG with first calf and is making an outstanding record.

OVER 85% OF OUR HERD TRACES TO "TRI."

Bulls from the "Tri" family in the following studs: NOBA, Tiffin; Mass. Selective Breed. Assn., Shrewsbury, Mass.; North Carolina State College, Raleigh, N. C. - (in use in Institutional herds); Oxford & District Cattle Breeders Assn., Woodstock, Ontario; Israel Cattle Breeding Assn., Sarid, Israel;
* Breeders: Marvin Nunes, Point Reges Station, Calif.; and a son by "Tri" by W.B.I. Lester Jordon, Washington C. H., Ohio.

To The CONVENTION SALE

1 - A Wis Burke Ideal daughter with 17,510M 4% 707 F., 1st calf. She is from a 5 generation family in our herd, 4 in production. Dam is the EX. cow, Al-Lou-Jan Tri Dunloggin with records of over 21,000 M and 890 F. Maternal brothers, both by Raven, in the Oxford Stud and Marvin Nunes Point Reges Station, California.

2 - A "Jerry" daughter born March 18, 1961 from the above consigned cow.

Progressive Breeders Award 8 Consecutive Years.

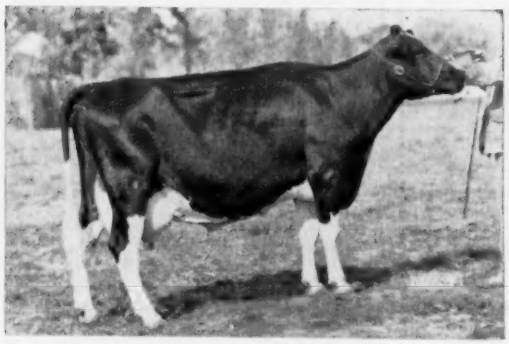
AL-LOU-JAN FARM

ALBERT MAPP & FAMILY — R. D. 1 — URBANA, OHIO

Accredited - Certified - Vaccinated

THIS IS THE GREATEST CONSIGNMENT WE HAVE EVER MADE TO A SALE

Her Son — One of Our Herd Sires



MAYTAG ORMSBY FOBES HEDDA (EX)
She made 518 F. at 4 yrs. and at 10 yrs. 528 F. in 280ds. on 2X She is a daughter of the GM. Maytag Ormsby Fobes, her dam a 612-lb. daughter of Posch Ormsby Fobes, next dam an 855-lb. daughter of SBOF 73rd.

4 EX., 17 VG, 36 GP, 7 G

HE IS

Ruby Acres Leader Heman

● Our son of Wis Leader (EX-GM) from the Excellent Maytag Ormsby Fobes Hedda, pictured left. We chose this son of hers for heavy service in our herd for the individuality and breeding back of "Hedda" . . and because a full brother to "Heman" used in the Walworth County Hospital herd has such a beautiful group of daughters there.

- H. I. R. 45 Lactations
14,055 M - 3.8% - 530 F.
and just reported -
on 55 head
12,772 M - 3.8% - 489 F.

Sons of Osborndale Andrea Ormsby Fobes and of Ruby Acres Leader Heman from classified high record 2X dams.

Efficient

P R O D U C T I O N

Show Type

Our Herd Certified and Accredited Vaccinated Classified and Analyzed aAa

Write or come and see them

RUBY ACRES

Elkhorn, Wis.

FLOYD PECK, Manager — **A Progressive Breeder Herd** — **S. D. RUBY, Owner**

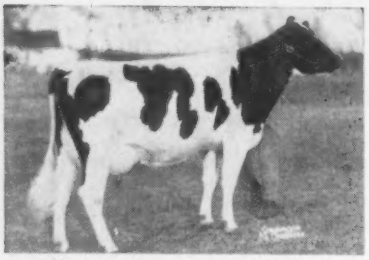
To The Convention Sale

MAN-O-WAR BF BUTTER DOROTHY

Born 4-3-59

Her 3 Direct Dams - All Excellent

Her Dam



MAN-O-WAR B F ORMSBY DOROTHY (EX)
Picture at 2 years.
3rd 2-Yr-Old, Waterloo

3y	2X	365d	14,121	4.1	582
4y	2X	346d	14,409	3.8	549

She has a son in the Papageorge herd in Utah.

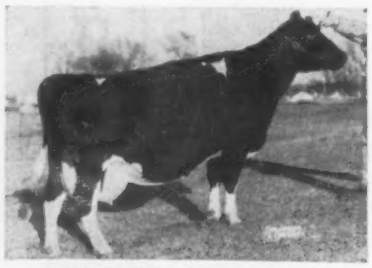
Next Dam

FOBES B F DOROTHY GYPSIE
(Excellent)
Photo at 4 yrs.

9y	2X	341d	15,597	3.9	613
5y	2X	365d	16,150	3.7	603

Lifetime to date and still producing 8½ Lact. 112,660 M 4322 F
Her full sister "VG" with a lifetime in 7½ lact. of 122,840 M 4275 F and still producing.
She has an "EX" son in Fox Bros. herd in Canada. An 89 pt. son in Cache Valley Breeders in Utah and a son in a herd in Colombia, S. A.

Next Dam



GYPSIE MOOIE PIEBE (EX)
Photo at 9 yrs.

7y	2X	365d	22,349	4.1	907
9y	2X	365d	21,478	4.0	857

Lifetime to date:
141,401 M 5,564 F
She has a son at Eastern Iowa Breeders and a son in the Howac es herd in Vermont. Her dam is the Gold Medal, Redfield Bessie Piebe Gypsie (Old Gypsie), dam of the Gold Medal, Redfield Gypsie Bill.

- 4th Maternal Dam is Gold Medal
- Sired By Carnation Madcap Butter Boy (EX-96 - SMT)
- Butter Boy's Dam is "EX."

The heifer, Man-O-War Butter Dorothy, selling was born 4-3-59 and is a very attractive heifer of good size and scale with a very fine udder promise.

She was bred Oct. 24th to MAN-O-WAR B F CRESCENT COMBINE (EX-SMT). He is a son of the "EX-94" Gold Medal Bull, Beauty Ormsby Combine. His 31 classified daughters average over 85 points and his 1st 13 daughters average 519 fat on 2X.

This heifer, due in August, should be real foundation. She is from our top female family—her 3 dams in maternal line all Excellent and from the Gold Medal Gypsie cow. And she is sired by one of America's top sires.

The calf she is carrying combines our Gypsies with the Carnation Madcaps plus our Combine bull. Many of America's best breeders are working with these bloodlines and some with bulls from these direct dams.

Bristol Farm

BRISTOL WISCONSIN
KENOSHA COUNTY

DR. HERBERT LOTHE
Owner

(3 mi. South of BRISTOL on 45 - then west at Sign)

People - -

John E. Melchor Easton, Pa., reported in May 10 **World** as having been attacked by his herd sire is now almost entirely recovered from his injuries sustained. He was a welcome visitor at the **World** office May 10 as he finished out his convalescence before going back to full-time work at Bach Echo Farm.

Miss Jane King, Clarksburg, Md., is now the editor of the Maryland Holstein News. Miss King is a graduate of Damascus (Md.) High School and the Hannah Harrison Business School of Washington D. C., and has for several years edited the "Trail," a paper published during the Maryland 4-H Club Week.

Her record with Holsteins in 4-H has been outstanding. She was Maryland Holstein Girl in 1956 and 1957 and now serves as a 4-H Local Leader of the Montgomery County Holstein Club and also of the Woodfield Girls' Club.

The new editor is a daughter of Mr. and Mrs. Leslie C. King, Kingstead Farms, Clarksburg, Md. In the recent **World** All-American Judging Contest she achieved a perfect score of 140 points — quite a judge.

Dr. Leland G. Merrill, Jr., a native of Danville, Ill., has been named dean of the College of Agriculture, and director of the Agricultural Experiment Station at Rutgers University in New Brunswick, N. J. He succeeds Dr. William H. Martin who retired last June.

MR. AND MRS. H. M. GANS
Pictured at the Greenwood Farm Sale. They were married February 24, 1961 at Cumberland, Md. She is the former Mrs. Ethel Dodgson, West Leisenring, Pa., and Herb is of course the well known owner of Ebonite Farm, Gans, Pa., and treasurer of the Pennsylvania Holstein Association.

A faculty member at California State Polytechnic College for 19 years, **Vard M. Shepard,** Dean of Agriculture, will become a Food and Agriculture Officer for the International Cooperation Administration in Egypt.

Dean Shepard will leave Cal Poly's San Luis Obispo campus in May, after 14 years as head of the college's agriculture division, and a prior five-year term as head of the animal husbandry department.

Shepard is well known in agricultural education and livestock circles. He was an agricultural extension livestock specialist at the University of California, Berkeley, for six years, managed the Union Stockyards at Stockton for four years, and taught vocational agriculture at Galt Union High School in Sacramento county and Los Banos' West Side Union High School in Merced County.

During Shepard's tenure at Cal Poly, the agriculture division has grown from 33 students in 1932, to 1250 agricultural majors in 12 departments in 1961. Beginning as a little-known technical school, it has expanded its enrollment into the second largest of the nation's agricultural colleges.

DAVID RESSLER INJURED

Nelson Hostetter brought the bad news to Sandy Creek, that David M. Ressler, Quarryland Farm, Myerstown, Pa., broke both arms in a horse back riding accident April 30th.

It is reported that his horse ran into a fence throwing Dave to the ground. We hope that he will soon be up and around and be able to get to the National Convention to see his top bred heifer sell.

BELL ON BOARD OF ROYAL

For the first time in the history of the Royal Agricultural Winter Fair a United States citizen has been elected to the Board of Directors.

Lewis S. Bell of Lawara Holstein Farms, Interlaken, N. Y., was elected an honorary member of the Board at the annual meeting the last week in March. For several years Mr. Bell has served on the Dairy Cattle Committee. Mr. Bell is well known throughout the Dominion and the United States, being a bank director and a member of the numerous private and State Agricultural organizations.

The Royal is the largest exposition on the continent devoted entirely to agriculture in all of its phases. It embraces not only nearly every type of livestock, but also fruit, flowers, field crops, dairy and poultry products

(Please turn to page 60)

My 800-lb. Roburke Daughter Sells at Cleveland June 8

HIS DAUGHTER SELLING

← PABST SIR ROBURKE RAG APPLE (EX-GM)

The daughter selling is
FULTONA MISTRESS ROBURKE (GP) 4120715
Born March 24, 1955.
She has made at 4y9m 861 fat, 21,413 M. and her 305 days record 19,406M - 3.8% - 737 F., 2X. At 3y3m 365d - 2X - 18,925M - 3.5% - 669F.
Her dam is a GP dtr. of Dunloggin Dark Master with 713 F. - 3.8% - 18,587M - at 6y also 686 F. at 8 years.

Fultona Mistress Roburke is due in August to the service of the Excellent-Gold Medal Raven Burke Ideal.
WATCH FOR HER AT CLEVELAND — JUNE 8.

Fultona Farms

HERD ESTABLISHED 1914
CLARK O. BIDDLE WAUSEON, OHIO

Selling at the National Convention Sale -

SILVER LAKE EMPEROR IRMA (VG-87)

3y	355d	2X	15,971	3.9%	619 F	H. T.
4y	321d	2X	14,443	3.9%	557 F	H. T.
5½y	365d	2X	17,244	3.6%	619 F	H. T.

Irma is a daughter of Silver Lake Dean Emperor, in turn a son of the top grandson of Lauxmont Admiral Lucifer, Maplebend Dean King Posch (VG-GM), sire of the 2-year-old heifer Nominated for All-American in 1960, Rosemary Lucifer Posch.

Silver Lake Dean Emperor's two other daughters in my herd are

SILVER LAKE EMPEROR JOSEPHINE (VG)

5y	316d	2X	21,641	3.8%	831

SILVER LAKE EMPEROR ETHEL (GP)

5y	365d	2X	21,866	3.8	834

The dam of the cow selling:
MEADOWEND POSCH P IDA with 6y 323d 2X 15,619 3.9% 614.5, HT

See Her at Cleveland June 8th

Service Sire —
OSBORNDALE IVANHOE (VG-GM)
4 "EX" Dtrs.

Silver Lake Farm

JAMES L. FRANK NEWTOWN, PA.

One Of Our Very Best To The National

CHESTERTON R BURKE SAM LORDIA — born 11-22-58

— HER DAM — **— HER SIRE —**

CHESTERTON SAM BONHEUR CORDIA
(GP-83)
3-3 365d 2X 17,207M 3.6% 623F
94,000 in the first 6 lactations and will soon be over the 100,000-lb. mark. Her dam has 2X records to 651 lbs. fat and the next dam has a nine lactation total of 140,156M and 4,725F This is a great maternal line.

RAVEN BURKE IDEAL (EX-GM)

59 dtrs. ave.	14,293	3.67	524
59 dams ave.	13,767	3.55	489
Increase	+526	+.12	+35

115 class. dtrs. ave. 82.3
Sire of 4 EX daughters.
Top proven son of Wis Burke Ideal (VG-GM).

Lordia is a beautiful daughter of the very popular Raven Burke Ideal (EX-GM) and she is from one of our strongest maternal lines. She is due July 4th to CHESTERTON F O WINTORIAS, son of Chemung Follow On from a 582-lb. 3-yr-old daughter of Weejoe Gracious Wintorias (VG-GM).

Chesterton Farm
WEST CHESTER, OHIO

VISITORS WELCOME
20 miles north of Cincinnati on the Dayton-Cincinnati Route.

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

John R. Strauss
Owner

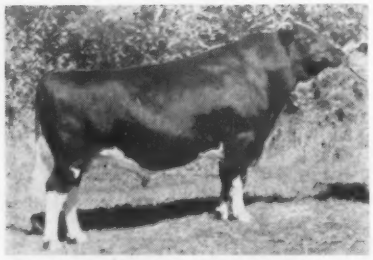
Herbert Wesseler
Herdsman

Certified - Accredited - Vaccinated - HIR - Classified

Cleveland Ohio NATIONAL CONVENTION SALE June 8, 1961

PRODUCTION EXTRAORDINARY!

To the Convention Sale —



IDEAL BURKE ELSIE LEADER
EX-92 Gold Medal

ARLINDA ELSIE JOYFUL
41515301

A beautiful black daughter of Elsie Leader, rated GP at 2y, with 21244 milk and 782 fat as a junior 2. Next dam has 18752 M and 692 F - third dam has 17088 M and 710 F.

She is due about sale time to Arlinda Count Julius (EX) who has an EX maternal brother, and a VG maternal sister that was sold to Japan for $3500. He also has two classified daughters, both VG, that have milked to 73 lbs. a day.

HERD FACTS

Classification: 7 EX, 47 VG, 46 GP
84.3 Point Average - 105.9% BAA

Production: Lactation Average
607 Fat - 16,964 Milk

PROGRESSIVE BREEDER
Awarded Three Years

ARLINDA HOLSTEINS

"Where Customers Bring Their Friends"

MERLIN CARLSON
Farm Manager

JOE SILVA
Herdsman

WALLY LINDSKOOG, Owner
2219 N. Berkeley Ave., Turlock, Cal.

PEOPLE (From page 59)

and machinery to mention just a few. There are important sales of pure bred dairy cattle and sheep. The building covers 26 acres.

The Royal Horse Show draws the finest animals from many countries, including international jumping teams, and is considered to be one of the greatest shows in North America.

CHANGES AT TRI-STATE

In a series of personnel changes following the retirement of Oren G. Johnson as general manager of Tri-State Breeders Cooperative, Westby, Wis., Marlowe Nelson, formerly sire analyst, has been named sire procurement manager to succeed Fritz Hendrickson who has been made operations manager.

Armand Fruechte is now sire analyst, replacing Nelson. In other changes Neilus R. Larson, formerly operations manager, has been named general manager.

Oren Johnson will continue to serve the organization as a consultant.

The new general manager, Larson, is a University of Wisconsin graduate and served two years in the Navy. He was for five years in county extension work before joining Tri-State in 1952 as a field representative.

Tri-State and Southern Wisconsin Breeders Co-op. merged in 1959, with all bulls from the southern stud at Madison moved to Westby in the summer of 1960. The present Madison office of Tri-State will be closed later this year and all operations moved to one location at the new offices of the cooperative in Westby. Tri-State bred over 380,000 cows artificially in 25 Wisconsin, two Iowa and four Minnesota counties during the past year. More than 130 technicians are employed by the organization.

CURTISS PERSONNEL CHANGES

The appointment of three new district managers has been announced by M. L. Kenley, Executive Vive-President for the Curtiss Breeding Service.

Glen R. Pursley, Willard, Missouri, has been assigned to the Missouri, Arkansas, Oklahoma and Kansas area formerly supervised by Dale Maples, who was elevated to the company's staff at Cary, Ill. Pursley, a native Missourian, received his bachelor and master's degrees from the University of Missouri where he conducted research in the field of artificial insemination. He subsequently spent three years at Virginia Polytechnic Institute at Blacksburg, Va. as assistant extension dairyman in charge of

LUCIEN LALIBERTY

GLENN R. PURSLEY

DANNY WEAVER

DHIA testing. For the past 8 years he has been extension dairyman at the University of Arkansas, working on all phases of dairy production.

Lucien Laliberty, Putnam, Conn., who joined Curtiss as a herd technician in 1955, progressed to supervisor in 1958 and distributor in 1959, has now been promoted to the position of manager for the newly created New England district. A former 4-H leader and a member of the Farm Bureau and Grange, Laliberty attended the Ratcliff Hicks School of Agriculture at the University of Connecticut.

Danny Weaver, Ashland, Ohio, an eight-year veteran of the Curtiss organization, is being transferred to New York where he will assume the duties of a district manager. Weaver has served Curtiss as a technician, supervisor and distributor in Ohio. Prior to that he engaged in dairy farming with a herd of registered Holsteins and presently is secretary of the Holstein futurity. In addition to his other pursuits, Weaver has also been active in sales management, his principal project being the Great Lakes Curtiss Sale.

BRITISH-FRIESIAN SOCIETY CHANGES

G. J. Curtis, chairman of The British Friesian Cattle Society for the past 13 years, retired from that post at the recent annual general meeting of the Society held in London April 20. Mr. Curtis has been in this country and Canada on several occasions, most recently at the time of the Diamond Jubilee Convention in Syracuse in June 1960, which he attended with Mrs. Curtis, Secretary W. H. Bursby and other British Friesian leaders. His successor is C. W. Meiklejohn, who has been a Friesian breeder for more than 30 years and was first elected to the Council in 1946. The new president of the Society is H. M. Astley-Bell.

Another British Society veteran who retired at this meeting is Austin Jenkins, who for the past five years has been Chief Field Officer. He set up their Herd Classification program after spending some time in this country and Canada studying the programs developed by the American and Canadian Associations. His retirement will become effective in September 1961. Previous to his coming with the Society he was Livestock Husbandry Officer with the Ministry of Agriculture.

BILLIT FARM BULL SALE

Paul Lennox, Manager of Billit Farm, Evans City, Pa., reports the sale of a son of Lakefield Fond Hope (EX) to Orson Cook, Pine Plains, N. Y. The dam of this calf is Woodbourne Reflection Topsy, a daughter of Woodbourne Inka Reflector that has just classified "VG-87" as a 1st calf heifer. Her dam, in turn, is Colantha Topsy Veeman Posch (GP-84), a 902-lb. 2X daughter of Penstate Topsy Marksman out of Colantha Sylvia Veeman Posch (EX-671f), the 15/16 sister to the famous Inka Pietje Veeman (EX-94-GMD), 840-lb. All-American Aged Cow, 1955.

Woodbourne Reflection Topsy is starting out on a top record and has 3,852 lbs. milk and 149 lbs. fat in the first 66 days at 2-2 on 2X.

Billit Farm is owned by Dr. & Mrs. W. D. Travis, Evans City, Pa.

What's needed is a Presidential candidate with a good record and high fidelity.

To The National
CONVENTION SALE
Cleveland - June 8th

MADCAP PROSPECT BESS (VG) with 15,190M and 532F at 4 yrs. on 2X. A granddaughter of Carnation Madcap Master (VG), she is from a 566-lb. 3-yr-old dam. Due sale time to Cash-Mar Ormsby Jerry (EX-95-GM).

RUSSELL P. KAHLER
10083 Kent Ave. NE
Hartville, Ohio

To The National
June 8th - Cleveland

EMPIRE HECTOR VIOLET
First prize junior yearling heifer and Junior Champion at the 1960 NYABC Show at Ithaca. 2nd Jr. Yearling at the 1960 N. Y. State Fair. A daughter of Osborndale Sir Hector Fobes.

Violet combines Osborndale, Carnation, Winterthur and Pabst breeding. Her sire is Osborndale Sir Hector Fobes. Her dam is by Carnation Imperial Cavalier (EX-SMP). Second dam is by Winterthur Select Fobes Wallace (VG-SMP) — she was Grand at the NYABC Cattle Show—next dam is by Pabst Sir Cascade Resolute. A great heifer with terrific depth of pedigree—you will like her. She is due after the sale.

Hillcrest Farm

G. Harold Cowles — Ashville, N. Y.
in HIR — in DHIA
Over 20 Years — Over 40 Years

Wincowis Farm

Where the EX-GM Bull
WIS CAPTAIN
Was Developed and Proven

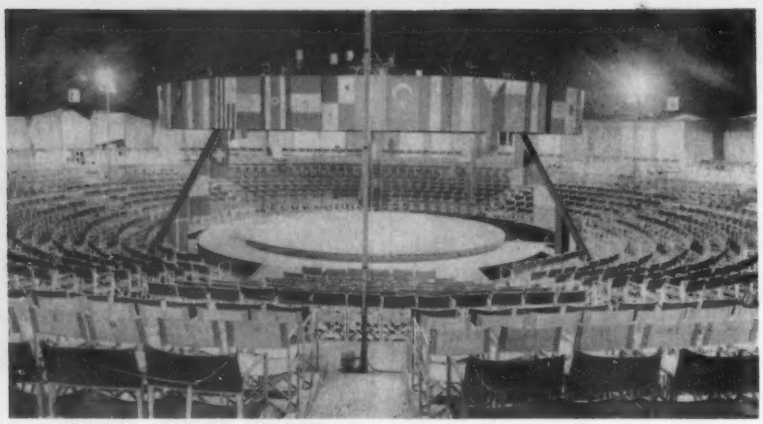
WIS CAPTAIN (EX-GM)

We offer a service-age bull born March 2, 1960. His dam is an EX. dtr. of Wis Captain (EX-GM) with 602 lbs. F. and 16,472 lbs. M. at 2 yrs. 2X. Next dam is a VG 587-lb. 2X 4% dtr. of Wis Cyclone, (VG-GM). Sire of calf is a son of Wis Raven Cyclone (VG) from a VG 858-lb. dtr. of Wis Leader, EX-GM. Maternal sister to calf is EX.
Send for details.

Wincowis Stock Farm

EARL HUGHES

NEENAH, WIS.
Cert. - Vacc. Phone: 2-8534



A view inside the Musicarnival tent.

A CONVENTION FEATURE

Musicarnival

Convention guests will be first-nighters at Musicarnival's 1961 season opening on Monday evening, June 5 featuring the world's premiere of "My Cinderella" adapted from a TV spectacular of Rodgers and Hammerstein songs. This is the last music written by Oscar Hammerstein before his death last year. The beloved fairy tale has been turned into a sophisticated musical comedy featuring brand new costumes and clever dance routines, all to the tune of sparkling music by the celebrated composer. It will be a memorable evening of music and comedy with good seats and good fun for everyone.

The social activities of the 76th annual convention will start Monday evening with a buffet supper from 5 to 6:30 p. m. in the Ballroom at the Sheraton-Cleveland Hotel. At 6:00 buses will leave for Musicarnival's big red, white and blue tent which seats 2100 people in-the-round, with the stage in the center. Its productions have all equity casts and hold to an excellent standard. The tent can be heated on chilly evenings and features a stereo sound system of its own.

CANADIAN OFFICIAL TO ADDRESS HOLSTEIN BREEDERS

A good neighbor, always a dairy farm asset, will address the annual convention of The Holstein-Friesian Association of America at Cleveland, Ohio, in June.

George R. McLaughlin is president of The Holstein-Friesian Association of Canada. He is scheduled to keynote the open forum session on June 6 – second day of the four day event. The speaker, 38, ranks among his country's top young agricultural executives. He has served the Canadian organization of the breed continuously since his election to the board of directors in 1948.

For the past six years, he has also been a member of the executive council of the influential Dairy Farmers of Canada.

In addition, he has been increasingly active as a showring judge – a phase of his career dating back to his graduation from Ontario Agricultural College in 1946.

McLaughlin is best known, however, through his famous Dunrobin and Elmcroft Farms at Beaverton, Ontario. His herd of 200 registered Holstein cattle, established by his father in 1923, includes many show and production champions. – H-F Assn.

25th WEDDING ANNIVERSARY

Misses Betty and Janet Brown will hold open house in honor of the 25th Wedding Anniversary of their parents, Mr. and Mrs. W. D. Brown Sunday, May 28, 1961.

Mr. and Mrs. Brown will be at home from 3-5 p. m. and 7-9 p. m. at 1211 Hanshaw Road, Ithaca, New York. Their many Holstein friends will be most welcome.

TRI-STATE MARKETING PROGRAM

Tri-State Breeders Cooperative, Westby, Wis., has inaugurated a new Dairy Cattle Replacement Marketing Service for dairymen according to an announcement by Wayne L. Wendorf, Director of Marketing. Tri-State technicians are thoroughly briefed on the program and will help gather and disseminate information. However, special emphasis will be placed on developing out - -of - state markets through national advertising and by other means. All information concerning this complete new service should be addressed to the Cooperative at Westby, Wis.

Allen Hetts, Fort Atkinson, Wis., has been selected to judge the dairy animals at the 1961 Mid-America Fair at Topeka, Kansas. Fieldman Jim Edwards writes that the date of the Holstein show at Topeka is September 12.

TO ADDRESS NATIONAL CONVENTION JUNE 7

Dr. MERRILL S. READ
One of the speakers at the forthcoming convention, he is Director of Nutrition Research for the National Dairy Council. His topic is "The Truth About Dairy Products and Heart Disease."

NATIONAL CONVENTION CONDENSED SCHEDULE

(Eastern Daylight Time)

Monday, June 5:

5-6:30 p.m. Buffet supper, hotel ballroom

6:00 p.m. Busses leave hotel for Musicarnival

Tuesday, June 6:

9:15 a.m. Ladies Program Starts, busses leave hotel

10:00 a.m. Open Forum

8:30 p.m. A feature for the Ladies

Wednesday, June 7:

10:00 a.m. 76th Annual Meeting

6:30 p.m. Annual Banquet

Thursday, June 8:

10:30 a.m. National Convention Sale, Cuyahoga County Fairgrounds, Berea. Transportation available from hotel

Middle age is that time of life when you don't care where your wife goes, just so you don't have to go along.

EARNSHAW PAYS $15,000 FOR SIRE AND SIX DAUGHTERS

What Norris Earnshaw, of Dimock, Pa., described as "a continent wide search for the best proven sire available" ended at the Marden Holstein herd of Charles, J. H. & E. H. Fox, Guelph, Ont., with the purchase of the 6-yr-old sire Admiral Mooie Burke. A price of $15,000 was paid for Admiral and six of his daughters. This is one of the top sales of recent years in Canada. Five of the daughters came from the Fox herd and one from the neighbouring Bognor Lodge herd of Ogilvie T. Heming, Guelph, Ont.

In selecting Admiral as one of the herd sires for his internationally known Woodbourne Holstein herd, Mr. Earnshaw stated that it was the uniform excellence of his daughters in the Fox herd both for type and production that impressed him. Fifty-six per cent of his 77 classified daughters have been officially rated Good Plus or better for type, while his 33 daughters that have completed records on official R.O.P. test have a Breed Class Average rating of 120 per cent for milk and 125 per cent for fat, that is, they are 20 per cent above the average production of the breed for milk and 25 per cent above the average for butterfat. The actual average production of his 31 two-year-old daughters is 11,651 lbs. milk and 447 lbs. fat with a butterfat test of 3.83 per cent. All of these records were made on twice-a-day milking and 18 of them in 305 days.

Admiral is classified "Very Good" for body conformation and his dam is the "Excellent" cow Princess Mooie Piebe.

The Admiral daughter Belle Burke Lady was Junior Champion Female at the Grey County Black and White Day in 1959 for Jack Elliott, Owen Sound, Ont., while a son Haigsee Mooie Admiral Pabst was Junior Champion at the Dufferin County Black and White Day in 1958 for Adam Draffin, Orangeville, Ont.

Two of the Admiral daughters purchased by Mr. Earnshaw have been classified "Very Good." One of these is Marden Mooie Piebe, whose dam and granddam are the Canadian Champion dam and daughter pair with a combined lifetime production of 411,288 lbs. milk and 15,725 lbs. fat. When the great-granddam is added the three generation total is 548,829 lbs. milk and 20,768 lbs. fat which is also the Canadian Record for a three generation group.

One of the other daughters has three generation direct dam lifetime production figures of 105,993, 136,769 and 194,895 lbs. milk.

Admiral was bred by Dr. & Mrs. Herbert Lothe, Bristol, Wisc. He is a combination of Burke, Carnation and King Bessie breeding. His services have been used artificially by a number of breeders in the Guelph district.

—H-F. A. of Canada

Progress with Progressor!

For Sale ★ ★ ★

KNOLLWOOD PROGRESSOR
(Born 11 - 20 - 60)

His Sire:

COCHRAN IDEAL (VG - SMT)
15 dtrs. ave.: 82.5% 104.0% BAA

His Dam:

KNOLLWOOD SUPREME SARAH
6y 2X 17,724M 4.6% 815F 365d HT
4½y 2X 17,610M 4.2% 736F 365d HT
3½y 2X 14,114M 4.3% 600F 320d HT
2y 2X 15,384M 4.3% 662F 355d HT
7½y 2X 10,080M 4.0% 408F 159d HT
(In progress)

This typy young fella is a particularly large calf, growing well, and offers Fall show competition with the best! Three older maternal sisters at KNOLLWOOD are making exceptional foundation cows:

Knollwood Ideal Suzette (Very Good)
3y 2X 13,940 M 3.7% 509 F 365d HT

Knollwood Ideal Susie (Good Plus)
4y 2X 7240 M 3.9% 279 F 102d HT
(In progress)

Knollwood Sovereign Sadie (Not yet classified)
2y 2X 12,006 M 3.8% 451 F 365d HT

Five Very Good and five Good Plus paternal sisters at KNOLLWOOD are making production history with several outstanding records in early mature form! PROGRESSOR'S sire is by the Very Good — Gold Medal Sovereign Cochran. PROGRESSOR'S dam carries 50% of the blood of the great Montvic Chieftain 7th (VG-GM) through her dam, and own daughter of "Chieftain 7th" from our "Clover Family," and her Silver Medal Production sire, a double grandson of "Chieftain 7th." We consider PROGRESSOR'S dam one of our very best transmitters of top production and good type.

We will ship via express for you anywhere you wish. Write or call now for your reservation of KNOLLWOOD PROGRESSOR!

Be Progressive — Make Progressor Your Next Herd Sire!

KNOLLWOOD FARM

DANIEL I. MAYNE & SON **Fairport, N. Y.**

SECOND ABC SON TO HOMESTEAD FARM

In March, Bill Hepburn, Jr., Manager of Homestead Farm, Windsor, Conn., announced the purchase of Willow Grove Reflection Design (American name is now Reflection Sky Rocket), a 4 year old son of ABC Reflection Sovereign (EX) out of the 1952 All-Canadian 4-yr-old, Rockwood Beulah Pal Rockette (EX), a daughter of Houckholme Sovereign Sky Rocket.

In a recent letter to the World, Mr. Hepburn stated that a second son of ABC Reflection Sovereign had been purchased. This one is Rosafe Shamrock Betrand, a full brother to the famous Rosafe Shamrock Kit and Rosafe Shamrock Kay. The dam is Walhill Kit Inka (VG) with over 146,000 lifetime. Kit and Kay made up the All-Canadian Produce in 1954 and Kit was the All-American 4-yr-old that year.

To The Ohio National Convention Sale

June 8, at Cleveland, Ohio

GRAY LARK ACRES FLASHY GIRL
4567971 (VG)
4-6 365 2X 17,260 4.2% 732 (SA)

An outstanding 5-year-old daughter of Curtiss Candy Flashy Curtiss (VG) and Gray Lark Acres Mar with records to nearly 700 lbs. fat 2X. She will be fresh at sale time and her calf by Gray View Skyliner (EX-GM) sells with her.

★ ★ ★

Selling at the
Great Lakes Curtiss Sale
June 9 at Wooster, Ohio

A "GP-83" point dtr. of Pabst Sir Roburke Rag Apple with record at 3y in 299 days 2X, 15,078 lbs. milk, 623 lbs. fat. Her heifer calf by Gray View Skyliner born April 3, 1961, sells with her.

Bang's Certified **T. B. Accredited**
1960 Progressive Breeders Award

GRAY LARK ACRES

Curtis Cosgray **Jamestown, Ohio**

A Daughter of Our Gold Medal Dam Selling In The National

HOLWYN RENA ANORA PRILLY

(Good Plus)

2-3 15,734 M 4% 636 F
Making over 600 again this year as a 3-yr-old. She is a top daughter of our former proven herd sire, Carnation Atom Bomb (VG-GM). You will like her.

Her Gold Medal Dam

HOLWYN TONI ANORA PRILLY (GP)
Gold Medal Dam
4,124d 216,480 M 3.5% 7,594 F
She has 3 "GP" dtrs. with an adjusted production ave. of 614 f.

PRILLY is due sale time to PROGRESSOR HOLWYN WALKER, son of Carnation Holwyn Progressor from Carnation Skylark Tilda Walker (VG-88) with 6-11 15,678 M 4.0% and 621 F on 2X. This will be a valuable calf.

For sale at the farm. The CARNATION MADCAP BUTTER BOY (EX-96-SMT) son of the Gold Medal dam. An Aug. bull calf, he is a great herd sire prospect.

BOUIC HOLSTEIN FARMS

Fay L. Bouic and Family
RD 2, OSTRANDER, OHIO

LEATHERBROOK FARM

Sends to the Convention Sale

A VG 4 yr. Old Daughter of Wis Burke Ideal

Leatherbrook Ideal Burke

3½y 2X - 14,550 M 3.8% 558 F. Also 445F. at 2y3m. She was 1st prize 3-yr. old and best udder at Williams Co. (Ohio) Fair, 1960.

Her dam is a VG dtr. of Carnation Magic Ohio while the next dam has 782 F. and 3rd dam 678 fat. All records on lower side made under loose-housing and parlor conditions.

Leatherbrook Ideal Burke is dtr. of the VG-GM Wis Burke Ideal and she will be fresh by sale time to the service of Raven Burke Ideal (EX-GM). This young cow should not be overlooked at Cleveland simply because she does not come from a herd that has a National reputation.

Our last herd average on 30 head - 15,600M 567 F. Cl. score 101.8% of BAA.

RALPH RIGG

BRYAN **Rt. 3** **OHIO**

Selling at the CONVENTION SALE

A 5-Year-Old Beauty

BEAUTY GRACIOUS DUNLOGGIN (VG)

Three Records

Over 500 Lbs. in 305 Days

A Cow That Will Milk 100 Lbs. A Day!

★

Our New Classification:

1 EX 17 VG 6 GP - Avg. Score 85.3

★

A PBR Herd — 1960

Accredited — Certified — Vaccinated

REU-GEN HOLSTEINS

Reuben Jones & Sons

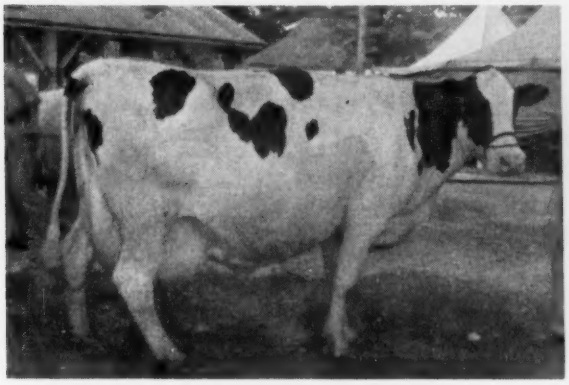
ROUTE 2 — CHILLICOTHE, OHIO

VISITORS WELCOME

6 miles east on Route 35 - Phone Prospect 30630

Two Choice Animals to the Ohio Sales

Daughter Sells at Cleveland National Sale June 8



FRENCHOLM RENA FOBES (VG)

10-5	365	2X	22,741	3.5%	800
Lifetime:	194,979 M		6,889 F		

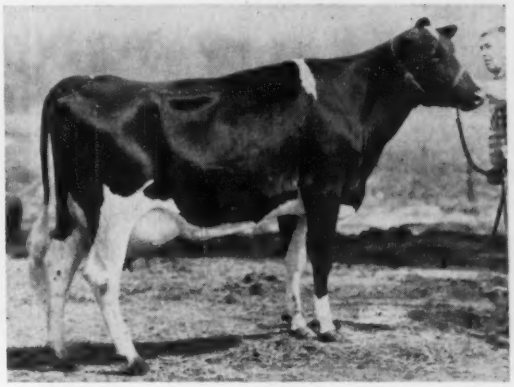
Dam of a Gold Medal Daughter

Selling

WOODHOME LARRY RENA 4854287 (Born 4-8-59)

A top daughter of Russinwood Roburke Larry (SMP) and bred to the great Cash-Mar Ormsby Jerry (EX-95-GM)

She Sells at Great Lakes Curtiss Sale June 9 at Wooster, Ohio



CHERRY MADCAP CURTISS LASS 4747941

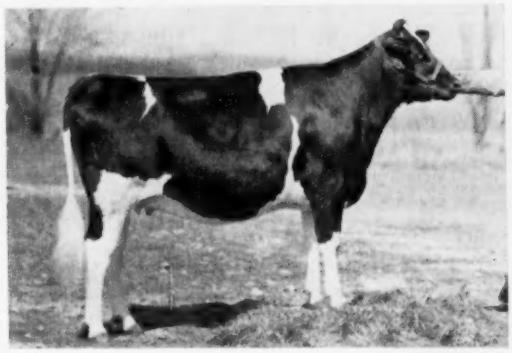
Credits to date: 54 days 3,173 m 145f

A top 3-year-old daughter of Curtiss Candy Madcap Curtiss. Her daughter, sired by a son of Madcap Curtiss from a 717 lb. fat dam, born March 7, 1961 sells with her.

R. H. STREICHER **WOODHOME FARM** **Oberlin, Ohio**

Two Top Heifers To The Ohio Sales

Selling at Convention Sale June 8



GREEN BANKS ARISTOCRAT MARTHA 4780063

Born Sept. 10, 1958

A strong daughter of Council Rock Worthy Aristocrat (EX-GM), weighing over 1500 lbs., due early in July to Clyde Hill Master King Fobes (VG-89-GM).

Dam: Green Banks Ada Maggie Martha

4-7	279	2X	15,910	727	(Inc.)
3-7	223	2X	16,914	4.2%	713
2-8	293	2X	12,563	4.3%	542

Still milking at 43 lbs. daily

A top candidate to go "VG" next Class.

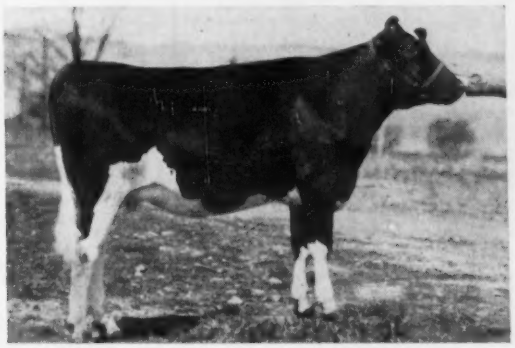
Dtr. of M. S. Sir Pride Adantha.

Both Heifers Eligible To Go Anywhere

Vaccinated Accredited Certified with Blood Test

PBR Award - 4 Years

Selling at Great Lakes Curtiss Sale June 9



GREEN BANKS AGAIN CHRISTY 4757117

Born Nov. 9, 1958

A daughter of Again Athlone Admiral Fobes (VG-GM) her dam is "VG-86" with an HIR record at 4y 3m in 365 days 2X. 15,435 lbs. milk, 3.9%, 559 lbs. fat. Christy is due in early July to Green Banks Raven Nat, son of Raven Burke Ideal (EX-GM) from an outstanding young daughter of Pabst Sir Roburke Rag Apple.

Green Banks Farm

Donald V. Crowell **South Dayton, N. Y.**

WEBER DICTATOR BURKE

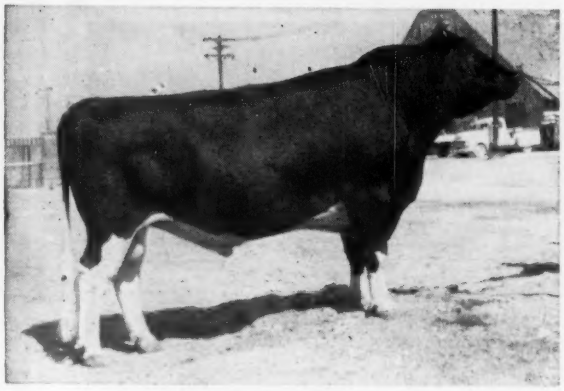
OFFICIAL HIR PROOF:

32 dtrs.	49 rec.	14,371	3.7%	525
31 dtrs.	48 rec.	14,256	3.7%	523
31 dams	104 rec.	13,307	3.6%	481
		+ 949	+ .1%	+ 42

34 Cl. dtrs. avg. 82.4% (BAA +2.75%)

GOLD MEDAL rating made in several herds in several states.

This great and famous sire comes to Pacific Breeders Co-op from Lavacre Farms, Hughson, Calif., where he has been used heavily since 1958. Visitors are invited to see his offspring at Lavacre. Although they are not yet in milk they are very promising, as his junior get will illustrate at the fairs this year. Pacific Breeders Co-op is fortunate in acquiring this sire to make available to breeders anywhere in the U. S.



DICTATOR (H-209)
Excellent, Gold Medal, Grand Champion at Utah State Fair 1954, Reserve Champion in 1953, 1955, 1956.

Dairymen who are milking Dictator dtrs. say . . .

PROVO, UTAH: "I like the daughters very much—I'd like a herd of them. 4 daus. milking class, 85.4%. First lactation average 487 lbs. fat act., second lactation, 525 lbs. fat act., third lactation, 586 lbs. fat actual.

BROADHEAD, WISCONSIN: "We bought a Dictator heifer for a herd builder and she is just that. We are more than satisfied. She produced 11,612 lbs. milk, 4.0% test, 463 lbs. fat her first lactation, 13,666 lbs. milk, 4.1% test and 553 lbs. fat in her second lactation."

BROOKLYN, IOWA: "We are really pleased with our five Dictator daughters and would be interested in buying his semen. They're fast milkers and nice to handle."

JANESVILLE, WISCONSIN: "We have 15 Dictator daughters milking—quite uniform in appearance, dark in color, and well-attached, well-formed udders. We culled one daughter injured in calving."

GRAY, GEORGIA: "We have one Dictator daughter which won Reserve Grand Champion at the Florida State Fair last week. She produced 13,351 pounds of milk, 3.8% test and 513 pounds of fat actual in 305 days as a first calf."

HIS PEDIGREE:

MAYTAG ORMSBY FOBES DICTATOR
"Excellent" 943293

"Gold Medal Proven Sire"
1st Sr. "Get," Indiana, 1953, 1954, 1956 and 1957.
1st Jr. "Get," Mid-South Fair, 1950.
16 "Excellent" offspring
14 daus. over 100,000 M
247 daus. class. av. 83.1
His daughters include:
4 from 900 to 1106 lbs.
13 from 801 to 871 lbs.
Linden Dictator Bon. Star "E"
Fat 365d 6y 1106.00
Milk (2X 4.2%) 26644.00
Culver Dictator Orm. Star "VG"
Fat 365d 6y 932.00
Milk (2X 4.0%) 23192.00
141 daus ave.: 14302 3.76% 538
141 dams ave.: 13954 3.71% 517
Increase: + 348 + .05% + 21

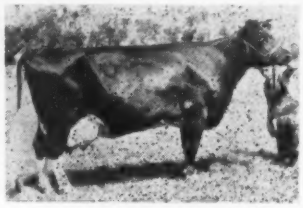
MAYTAG ORMSBY FOBES "VG" 784293
"Gold Medal Proven Sire"
Jr. Champ., Iowa, 1940, 1941.
Jr. Champ., Tulsa Fair, 1941.
Hon. Men. A-A. Bull Calf, 1940.
31 daus. class. av. 82.6
36 tested daughters
3 from 803 to 949 lbs.
26 from 400 to 634 lbs.
Maytag Ormsby Fobes Hulda "VG"
Fat 365d 9y 949.00
Milk (3X-4.1%) 23241.00

DICTATOR FOBES PONTIAC LASS 2337114
"Excellent"

363d	7y	3X	19554	4.1%	803.4
305d	7y	3X	18422	4.1%	756.1
365d	5y	3X	20781		752.0
365d	2½y	4X	17113	3.7%	626.1

Mem., All-Am. "Produce," 1948.
1st 4-yr.-old, Iowa S. F., 1947
2nd Aged Cow, Iowa S. F., 1948
2nd Best Uddered, Waterloo & Iowa, 1948.

WEBER BURKE CRICKET 2104304
"Excellent"



365d	8½y	2X	15,327	3.9%	595.0
		H T	Records		
348d	3y	2X	14,508	4.0%	578.5
365d	2y	2X	13,910	4.0%	561.2
365d	5y	2X	13,826	3.8%	526.3
332d	4y	2X	13,200		481.0

Jr. Champion, Utah State Fair, 1941.
1st prize Sr. Yrlg., Utah State Fair, 1941.
2nd prize Sr. Yrlg., Ogden Livestock Show, 1941.

WISCONSIN ADMIRAL BURKE LAD 697789
"VG-GM"
All-Amer. "Get," 1947, 1948.
Res. All-Amer. "Get," 1950.
50 "Excellent" offspring
18 "GM" sons & 10 "GM" daus.
22 daus. over 100,000M
94 A R daughters
32 from 805 to 995 lbs.
37 from 604 to 798 lbs.
Pabst Burkride Bloom "EX"
365d 11y 3X 23677 4.2% 995

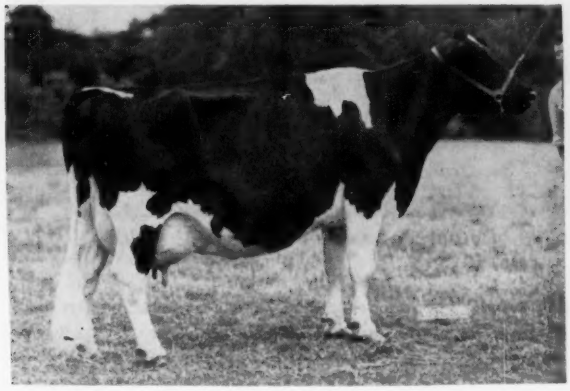
WEBER BURKE MAY 1969945
"Very Good"
H T Records

365d	5½y	2X	16026	548.1
365d	4½y	2X	15260	533.9
365d	2½y	2X	14870	517.8

3rd prize 4-yr.-old, Ogden Livestock Show, 1941.

now at P. B. C.

"Dictator will remain very much an important part of the Lavacre breeding program. We expect to show his junior get in 1961 and continue his service through frozen semen."
— Dr. Harold J. Schmidt, Lavacre Farms



LINDEN DICTATOR WIMBLE WIMPY (EX-96)
7-10 365d 3X 22846 3.6 830
(Has just finished her 3rd 800-lb. record)
1960 All-American Aged Cow. She is a paternal sister to Weber Dictator Burke.

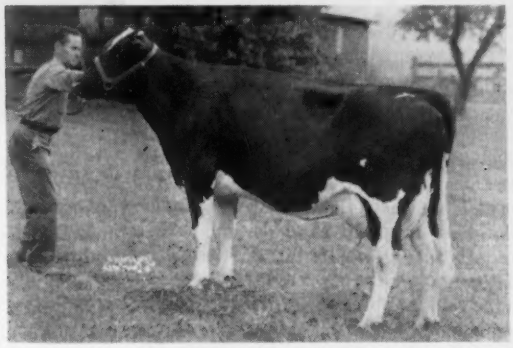
LAVACRES LYNDA DUSTY JO
This recently freshened heifer becomes another spoke in the famous maternal line of Dusty Jo. Her dam is a Pabst Sir Roburke Rag Apple daughter of Rocky Hill Mont Burke Dusty Jo.

Frozen Semen Available Anywhere in U. S. A.
Dictator can be your herd sire too!
Write or phone for information and prices.

Pacific Breeders Co-op.

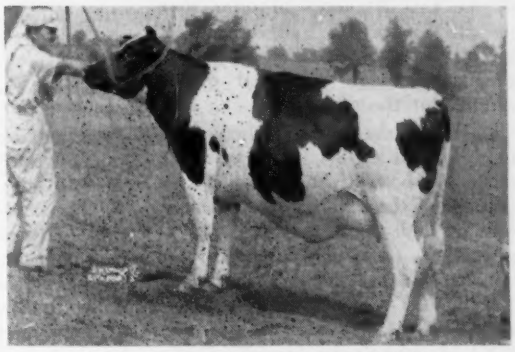
Petaluma, Calif. — PO 3-1501

SVF GRETA VAR DICTATOR BURKE (VG-88 2y)
2-3 204d 2X 14870 3.8 548 inc.
This Dictator daughter sold for $2,000 at the Sunny Vale Farms dispersal.



SVF JOSIE DICTATOR BURKE (VG-86)
3-10 349d 2X 15060 3.7 540 inc.
2-5 365d 2X 12886 3.7 472
This Dictator daughter sold for $1,650 at the Sunny Vale Farms dispersal.

WEBER BURKE LENNA (VG-88)
2-6 365d 2X 13897 3.8 529
4-2 365d 2X 15882 3.9 623
Owned by Lavacre Farms.

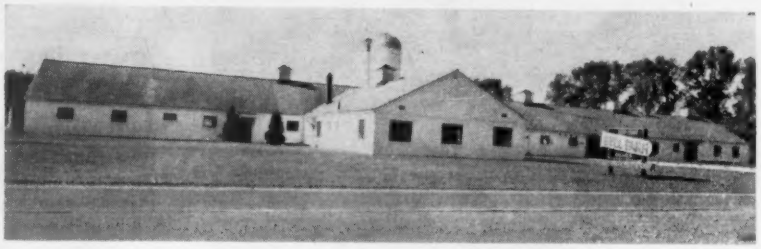


SVF ABBIE DUTCHLAND D BURKE
Another promising young Dictator daughter sold in the Sunny Vale Farms dispersal.

COBA and NOBA----

Two of the Country's Well Known Studs

Central Ohio Breeding Assn., Inc., at Columbus



Northern Ohio Breeding Assn., Inc., at Tiffin

Ohio Holstein breeders are understandably proud of the record of their two artificial breeding organizations in that state — Central Ohio Breeding Association, Inc., and Northern Ohio Breeding Association, Inc. Both are leaders in their field, early adopting the most advanced methods and techniques in all phases of A I work. Then too, both have worked closely with the purebred organizations, recognizing the worth of the breeder and the advantages to be obtained through full cooperation with breed association programs.

COBA, Inc.

COBA was the result of the merger in 1946 of two pioneer A I organizations — Northeast Ohio, founded in 1941, and Western Ohio, founded in 1942. The manager is Richard Kellogg (now in his third term as president of the National Association of Artificial Breeders) who first joined the Northeast Ohio group in 1943. Well known to many Holstein breeders is Charles (Chuck) Baldwin, former sire analyst and presently in charge of production for COBA.

Total first services (all breeds) for COBA for 1960 exceeded 250,000 with, surprisingly enough, some 46,000 of these sold in Texas. COBA was one of the first AI units to offer their members service to bulls not owned by the stud through cooperative arrangements with individual owners throughout the country.

Currently there are 17 living Holstein sires at COBA, with service to others — both living and dead — available through frozen semen. Among their most popular sires at present are Carnation Cedric Inspiration (VG-GM), Rag Apple Sovereign Texal (VG-GM), Ecraso Burke Donald (VG-GM), Admiral Comet 21st (EX-GM), and Kaytee Joat (EX-SMT). Management has always placed considerable emphasis on proved performance as exemplified by the number of Gold Medal Sires offered to members.

COBA is located at 1224 Alton Darby Road, Columbus, where an extensive remodeling and building program was completed in 1960 to meet their expanded needs.

NOBA, Inc.

NOBA, Inc., is equally progressive and is the older of these two studs. NOBA was formed in 1942 from the Seneca County organization, founded in 1940, and the Ottawa-Sandusky unit which came into being a year later. The outfit has grown steadily ever since. Manager Max Drake joined NOBA in 1943, while sire analyst Bryce Weiker has been a familiar figure at Holstein events for several years.

The total number of NOBA breedings for 1960 was over 211,000 and, in addition to the home state, considerable service was sold in Florida and Missouri along with many other states and foreign countries.

At this time there are 18 living sires in service, plus semen available from others. At the top of the popularity list are Raven Burke Ideal (EX-GM), Ormsby Burke Pontiac Mose (EX-GM), Uneeda Pica Prince (VG-SMT), and Tidy Burke Cornerstone (GP), among others.

NOBA is located at Tiffin where the physical plant was modernized and expanded in 1951.

"CLASSIC FIVE" ORGANIZED

Five Maryland Holstein breeders are combining their efforts in the breeding of dairy cattle on a basis that will be closely cooperative. The idea for this venture grew from the success of the joint Logwood — Pond View Holstein sales that have been held in the past, plus the equally successful joint ownership of herd sires by Pond View Farm and Hickoryvale Farm.

The group expects they may wish to hold sales of their own from time to time and plan to advertise as a unit. They meet at least once each month at a member's farm to study their programs and make future plans. As we understand it, there will be an exchange of sires — even though they may not be jointly owned—to give a broader base for subsequent provings.

The five are:

(1) The Hickoryvale Farms of Ira D. Ifert & Sons, Middletown. This is one of the pioneer Holstein herds in the state. Hickoryvale recently received its 13th successive PBR Award and, in 1960, showed four All-Maryland selections including the All-Maryland Get of Sire by Rosafe Trustee.

(2) Charles Ifert of Topvale Farm, Middletown. This herd has been among the leaders in production in the state with HIR averages for 1958-59-60 of 15,100, 17,251, and 16,844 lbs. milk and 570, 643 and 644 lbs. fat. The herd includes many daughters of the Gold Medal Sire, Meadow Springs Baron Aim, who has done an excellent job wherever used.

(Please turn to page 80)

Another Dispersal Rich In U N H & Echo Blood

La Salette Seminary — Route 4 A, Enfield, N. H.

FATHER BORDENARE, Treasurer — PAUL ROY, Herdsman

WEDNESDAY — June 14th 11:00 A. M.

49 27 Registered 1 Male 14 in Milk 5 Bred & 7 Open Heifers
22 Grades 12 in Milk 3 Bred & 7 Open Heifers

T.B. ACCREDITED, BANG'S CERT., VACCINATED, T. B. & BLOOD TESTED within 30 Days of Sale
Pregnancy Examinations prior to Sale - Protected against Shipping Fever

DHIA Tested — Herd Averages From 526-564 Fat, 2X

LAST 12 MOS. IBM AVERAGE	27 HEAD	14702	3.8	564
1960 HERD AVERAGE	27 HEAD	14215	3.9	550
1959 HERD AVERAGE	28 HEAD	13531	3.9	526
1958 HERD AVERAGE	27 HEAD	14654	3.8	555

RECORDS OF THE 26 IN MILK SELLING

1 with 813 fat 2X
5 from 702 - 798 fat 2X
6 from 608 - 688 fat 2X
5 from 545 - 590 fat 2X
6 from 426 - 481 fat 2X
3 in first lactation.
2 with over 20,000 milk, 5 others over 17,000, and 8 more over 15,000

DAMS OF THE BRED & OPEN HEIFERS

Of the Registered Heifers (12) —
3 are from dams with 885, 813, 809 fat 2X
1 from dam with 748 fat 2X
1 from 647 fat dam
3 from dams with 583 - 590
4 from dams with 430 - 481 fat.

Dams of the grade heifers have records from 522 to 798 at 2X.

UNH DAUNTLESS PRESIDENT
Silver Medal Type - EX. 92
50 dtrs. 14633 3.74 547
Daughters to 1026 fat 2X. Sire Res
All New England Get 1960-3rd ESE.

Special Offering: Frozen Semen From President

UNH Dauntless President (SMT-EX-92) was owned from calfhood until his death by LaSalette. A bank of approximately 100 vials of frozen semen from President is owned by LaSalette and now stored at Soligenics. This is the only substantial block of President semen in existance.

Conception rate from this semen has been very good.

This entire bank of semen will be sold at this Dispersal, by auction, the first purchaser to have the privilege of taking the entire bank, or a block of 25 or more vials.

MAIL OR WIRE BIDS will be accepted on a per vial basis for the entire lot or for 25 or more vials.

Packaging and shipping charges to be billed as an extra at cost, or purchaser may make own arrangements with Soligenics for further storage and later shipment. More complete details furnished on request.

37 By Sires Bred At U N H — Including 5 By "President"

1 son - 4 daughters of President, (2 registered, 2 grades) Daughter with 702.

10 daughters of UNH Baron, President son from UNH Mike Lillian, and maternal brother to Rhea (25501 4.1 1030). All under 5 years with records to 590 fat 2X. Include a pair of full sisters that make an exceptional produce. (8 registered, 2 grades).

8 by UNH Regal Sky Pilot, he from Pandora, twice 800 fat daughter of Nova by Conqueror. Sky Pilot by Regal, (SMP son of Marian). Daughters to 798 fat 2X (7 grades, 1 reg.).

7 by UNH Marathon Conqueror (SMP son of Liza) 6 registered, 1 grade.

6 by UNH Chieftain Sparkler (SMP son of Marian). 2 registered.

1 (registered) by UNH Golden Revelation, Schoolmaster son of Nova (GM-E).

More by other good sires of N.H.-Vt. B. A. including 4 by Leader (GM) -3 grades, 1 each by Zuba (grade) Renegrade, Roamer. 2 by Shaws Golden Aim Dauntless, proven son of Golden Tidy (GM) Both registered.

Bulk tank (Wilson) in fine condition and sells complete with all controls.
Also 100 gal. Cherry Burrell Steam Pasteurizer, complete, with cooler and controls.
30 gal. water heater (gas).
Plymouth pumping station with 75 feet plastic hose, complete with compressor.
2 Surge units complete, 550 lb. pails, 4 unit pump.
Sink and other small items.

LOCATION: Directly on Route 4A approximately 7 miles southeast of Lebanon, N. H. Signs posted Sale day.

CATALOGS: Available June 1, sent by mail without charge on request to the Sale Mgr.

T. R. LANGDELL
Wilton, N. H.
Auctioneer.

Ample Hotel & Motel Accommodations Nearby
Plenty of Parking Space

Lunch on Grounds

W. A. BAKER
Box 231 Exeter, N. H.
Sale Manager.

Obituary — —

MRS. JOHN E. COOPER

Mrs. John E. (Clara Lou) Cooper, 41, wife of the Director of Extension for The Holstein-Friesian Assn., died May 8 in the Mary Hitchcock Hospital at Hanover, N. H. She had been in critical condition for the past two months and underwent a series of operations in a gallant but losing battle for her life.

Mrs. Cooper was a devoted wife and mother and a charming hostess. Coming up through 4-H in her native Missouri, she made this fine organization an active part of her life. She was a past president of her county 4-H leaders association and was currently serving as a member of the Vermont State Leadership Council.

The two Cooper daughters, Ann and Margaret, both won highest honors in 4-H in Missouri as well as Vermont. Ann is presently a junior at Kansas State and Margaret a senior at Brattleboro Union High School. For a more complete sketch of the Cooper family, with a family picture, see the **World,** March 10, 1961.

ROBERT J. HOWARD

ROBERT J. HOWARD

Robert J. Howard, 46, Batavia, Ill. died suddenly May 2 from a heart attack at his home. A popular former National Holstein Fieldman (1948 to 1953), he had recently left the post of manager of the Dairy Feeds Department for the well known Pioneer Mills and was planning to bring out a new feed formula of his own.

A native of Iowa and a graduate of Iowa State University, he was Assistant County Agent in Boone County, Iowa, until he joined the U. S. armed forces in 1943. After four years in service he returned to County Agent work as Assistant Farm Adviser in Kane County, Ill.

He joined the field staff of The Holstein-Friesian Association of America in the fall of 1948, with a 6-state territory, later cut to permit concentrating his efforts in Illinois and Iowa. He was very popular with the breeders of his territory. He resigned in 1953 to join the Curtiss IMproved Stud Service (now known as Curtiss Breeding Service). He joined the Pioneer Mills organization in 1955.

Mrs. Howard and a son, Robert James Jr., a student in Batavia High School, his father, A. C. Howard, and four sisters survive him.

. . . ABOUT BOB HOWARD

One not familiar with Bob Howard . . . first, a gentleman, second a man vitally interested in the many facets of the dairy world . . . might render an editorial chronicling his passing with the words:

> "In the untimely death of Robert J. Howard, breeders of Holstein cattle throughout the country marked the passing of a brilliant and incisive dairy expert. He was magnificent not only in his genius, but friendly, gracious and full of zest for living."

But in the profoundest sense, this would have pained R.J. He was a gentleman, all right. Not the toppish gentleman, but the classic gentleman with a driving, forceful personality . . . a man of sensitive feelings . . . a man of relentless, moral conscience of the kind this world needs now, more than ever.

The dairy cow was his way of life beginning with extension work in Iowa, and later as a fieldman for the Holstein Association, his sincere and untiring efforts in nurturing many fledgling breeders to local and national prominence became almost an obsession with him. This was so true in our case . . . his was the hand of fellowship, the impetus and guidance that afforded us countless opportunities in the Holstein industry.

He was this . . . and he was more. But Bob himself would be the first, putting it mildly, to disclaim such accolades.

During those formative years as a Holstein breeder Bob enriched us many times with his presence at our meetings and in our home . . . it was during those years that Bob figuratively, grew a foot taller . . . and as the years passed, continued to grow in my estimation and those others priviledged to be associated with him.

More . . . much more could be written of the impressions he left. Bob knew no smugness, no arrogance, no cynicism. There was always about him, a true Midwesterner, a touch of the proverbial southern gentleman..

That Bob was struck down in the very prime of life is a harsh blow to his lovely wife Beryl, and to his only son Jim, for they had but two years ago moved into their new home. Bob and Beryl saw their son develop into one of the finest basketball players in Illinois, and it was Bob's fervent wish that he see Jim through his high school and college days . . . if you know Jim as we do then we know that he will carry his extra burden unflinchingly.

Bob's life was an exemplary one, a humanitarian . . . this was his way . . . ways of a man whose sensitivities reflected a gentleman's code of honor with dignity . . . this was Bob, whose voice and inimitable personality is quiet forever . . . this was Bob who will be missed.

Dick McLaughlin

Rock River Farms,
Byron, Ill.

MRS. HENRY DRURY

Mrs. Laveda Drury, wife of Henry Drury, Preston, Idaho passed away at the Preston Hospital, March 21. Henry Drury, prominent Holstein breeder of Idaho has been a frequent delegate to the National Conventions and he and Mrs. Drury last attended the 1959 Convention at Omaha. Mrs. Drury is survived by her husband and four daughters and four sons. One son, Darrell, preceded her in death in 1956; he was well known in the middle west through his making the circuits of the larger fairs with their Drury Lane Holsteins resulting in the bull, Ormsby Cola De Kol, being twice nominated All-American.

Hal Longley, publisher of the Shorthorn World for the last 36 years and connected with the publication for 44 years, died of a heart attack on March 14. He was 66 years of age and had been in apparent good health. In addition to his work as a publisher he was active in the management of public auction sales of his breed.

Date conflicts have caused the postponement of the Dairy Cattle Type Conference at the University of Connecticut's College of Agriculture.

The conference scheduled for May 6 has been rescheduled for December 2, according to Dr. W. A. Cowan, head, Animal Industries Department.

Featured speaker for the December meeting will be Lawrence Colebank, official classifier for the American Guernsey Cattle Club. In addition there will be workshop sessions on production, longevity, anatomical soundness and economics as related to dairy cattle type.

All Roads Lead To - - -

The GREAT LAKES CURTiSS SALE

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

June 9 — Wooster, Ohio

Outstanding Daughters Of These Bulls And Many More Will Be In This Sale

5 Dtrs. Sell-Several Bred to Him

MALLARY AUDACIOUS "EX" (90) GM
HFA - 11 dtrs. 2X 305 15,150 3.86% 585
17 cl. dtrs. ave. 82.2; 104.3% BAA
2.50 over Exp.

5 Daughters Selling

AGAIN ATHLONE ADMIRAL FOBES "VG" GM
HFA - 16 dtrs. 2X 305 12,918 4.11% 531
16 cl. dtrs. ave. 82.3; 104.2% BAA,
2.95 over Exp.

5 Daughters Selling

GRAY VIEW SKYLINER "EX" (92) GM
HFA - 19 dtrs. 2X 305 15,979 3.7% 592
19 cl. dtrs. ave. 83.9; 106.2% BAA,
3.10 over Exp.

3 Daughters Selling

LYON BROOK WALLIE QUEEN "EX" (92) SMT
HFA - 54 dtrs. 2X 305 15,428 3.51% 542
71 cl. dtrs. ave. 82.5; 104.2% BAA
3.35 over Exp.

Dtr. Sells - Several Bred to Him

HAYSSEN HI HOPE "EX" (91) SMT
CBS - 6 dtrs. 2X 305 15,561 3.71% 577
14 cl. dtrs. ave. 83.5; 105.9% BAA
2.05 over Exp.

Curtiss Daughters Put MORE in the Pail Bring MORE at the Sale

Curtiss Daughters Put MORE in the Pail Bring MORE at the Sale

CURTiSS
BREEDING SERVICE, INC.

CURTiSS FARM - CARY, ILLINOIS • Otto Schnering, Founder • Phone MErcury 9-2041

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTISS SALE

Wooster, Ohio — June 9th 10:00 A. M. D. S. T.

65 Outstanding Young Holstein Females

DAUGHTERS AND GRANDDAUGHTERS OF CURTISS SIRES

Consigned By Leading Breeders In Ohio And Ten Other States

Sale will be held at Wooster Fairgrounds, (about 60 miles south of Cleveland), Friday morning 10: A. M. D.S.T. - the day following the National Convention Sale. To go to Wooster from Cleveland, follow U.S. Route 42 south to the village of Medina. In Medina continue south on Ohio route 3 to Wooster. Fairgrounds are at the west edge of the city on U.S. route 30.

Nearly all are from Bang's Certified herds, and T. B. Accredited, Calfhood Vaccinated, Eligible to go anywhere.

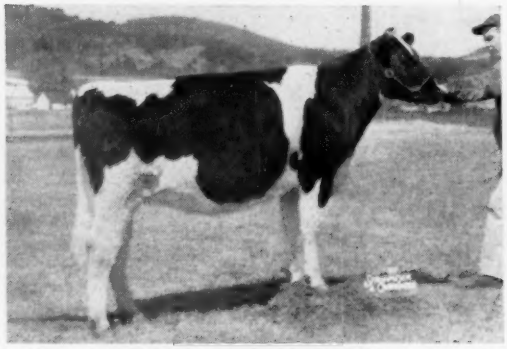
From KENNETH GRIMES, Homeworth, Ohio
This "VG" 573-lb. Cow Selling

DANDY CURTISS RENOWN DEKOL
Very Good

3-7	365d	2X	15,499	3.8%	573
2-4	365d	2X	13,443	3.6%	562

Born August 13, 1956, she is due in July to Wis Captain (EX-GM).

From MALLARY FARMS, Bradford, Vt.
This Lovely Audacious Daughter Selling



UPWEY AUDACIOUS PATIENCE
Born Jan. 4, 1959, she is by MALLARY AUDACIOUS (EX-SMT). Her dam is a GP-83 daughter of Mallary Emblem (VG-SMP) with 2X records of 687, 669, and 609 lbs. fat and over 18,000 lbs. milk. Patience is due in the fall to Mallary Rebel, a Keepsake son out of Brookmere Dixie Begins (EX-94).

Liberal credit terms are available to purchasers at the sale. A representative of Dairy Credit Co., De-Kalb, Illinois will be on hand.

Send 50c To Sale Manager For Catalog

Accommodations

Sale Headquarters is in the Ohio Hotel, Wooster, Ohio. There are numerous motels offering first class accommodations in the Wooster area. Contact the sale management for type of accommodation needed. We will be happy to assist you with transportation from the National Convention Sale, Cleveland Hopkins Airport or from Akron-Canton Airport. Let us know your needs.

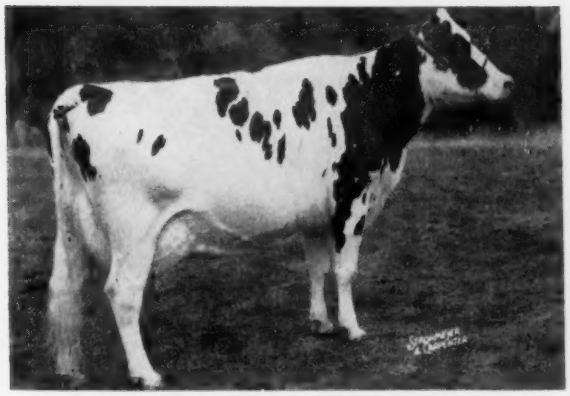
Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTISS SALE

Wooster, Ohio — June 9th 10:00 A. M. D. S. T.

A Sensational Consignment From
BRISTOL FARMS, Bristol, Wis.
Ruby's Daughter By Genius Selling

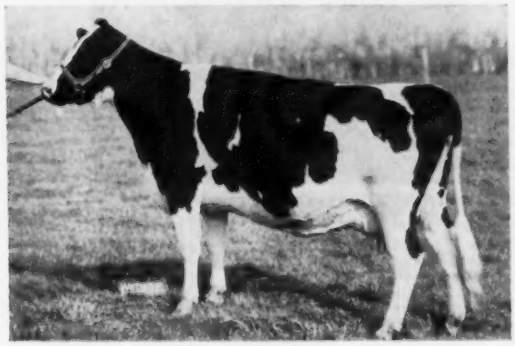


WEBER ADMIRAL BURKE RUBY
Excellent - 93 EX. on Mammary

4-6	365d	2X	17691	3.9%	688
6-0	330d	2X	16993	3.7%	634

Lifetime to date in 8½ lactations 140,870 milk, 5,206 fat. In eight classification breakdowns by five different inspectors, she has been EX. in mammary every time, from 2 to 13 yrs. of age.

From VIC KAHL, Hayesville, Ohio
This 667-lb. 4-Yr-Old Selling



HOMERVILLE ROBURKE JO EMPRESS

3y	365d	2X	19267	3.5%	667
2y	365d	2X	13821	3.9%	542

Born Dec. 19, 1955, she was many times a winner at local shows in calf and heifer form. Her sire - NEILLIWOOD ROBURKE JOE (EX-SMP). She is due by sale time to GRAY VIEW SKYLINER!

★ **ROGER SHERMAN, Wilmot, Wis.** is consigning a pair of bred heifers. One is sired by JOHANNA LOCHINVAR PRINCE (VG) and the other by a son of MINNOW CREEK EDEN REGRAND out of a VG-700-lb. 2X dam. The dam of one heifer consigned is VG with 482 at 2 yr. the other is GP with 515 lbs. 2X. One is due in June, the other in Aug.

The Heifer Selling is
TRIUNE B F GENEROUS RUBY

Very Good - 88 with 1st calf (V-V-EX-V-V-EX-+-V)
2 yrs. 314d 2X 11,140m 407F (still on test)
Born Nov. 16, 1957, she is due in July to Man-O-War B. F. Crescent Combine (EX-SMT), he by Crescent Beauty Commander (EX-SMT) out of an EX-Gold Medal dam. "Ruby's" dam is the great cow pictured at left. Her sire is Ravenglen Genius Triune, All-American Bull Calf 1956, who is by Ravenglen Triune Prince (EX-GM) out of the EX. 892-lb. Ormsby Commander Jane.

From J. LINCOLN MORRIS, Andover, Ohio
A Daughter of This VG-826 lb. Cow

WISBEE M MR DEEN LOUIE (VG-86)

6-5	365d	2X	20293	3.9%	826
3 yr	365d	3X	20385	4.0%	811

The cow selling is WISBEE MR D BOMBER LAURA, born Nov. 1, 1957, she has finished with 435 lbs. at 2 yr. on 2X in 329d HIR. Due by sale time to Shaws DCT Fern. A son of "Crete Tidy" (EX-GM) out of VG 844 lb. dam. "Laura's" sire is CURTISS CANDY DELLA BOMBER, own son of the great Dunloggin Mistress Della. Her dam is the great producing cow pictured above.

★ **SIMON BUCHER, Annville, Pa.** is sending a bred heifer by CURTISS CANDY MADCAP CURTISS (VG) out of 527 lb. dam. Due in July.

★ **ROBERT BUCHER, Annville, Pa.** a bred heifer by AGAIN ATHLONE ADMIRAL FOBES (VG-GM) out of 588 lb. dam. Due in August to Glenafton Rag Apple Monitor.

★ **From GLENN BUCHER, Annville, Pa.** a "FLASHY CURTISS" daughter due in June to SKOKIE BENEFACTOR!

★ **From I. N. & Raymond Russell, RUSSINWOOD FARM, Elgin, Illinois -**
RUSSINWOOD TRIXIE PET, born April 9, 1959, she is by MOOSEHEART EXCELLENCY, out of a 537-lb. 2 yr. daughter of RUSSINWOOD NOBLE LEADER. Due in September to Wis Supreme Crusader (VG-GM).

Danny Weaver, Sale Manager, Ashland, Ohio Phone 4-5162

Assisting in Selections: George Reed, Lewes, Del. and Harvey Swartz, Waukesha, Wis.

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTISS SALE

Wooster, Ohio — June 9th 10:00 A. M. D. S. T.

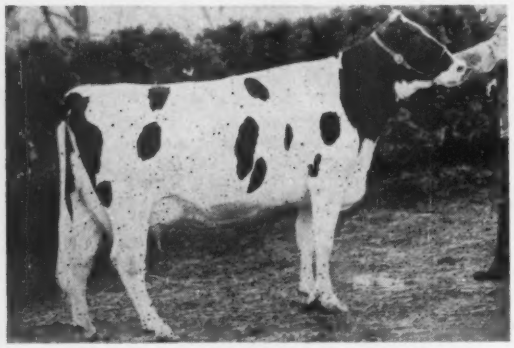
3 Daughters Of Curtiss Candy Invincible (EX) Selling

From ABBEY OF GETHSEMANI, Trappist, Kentucky

This 624-lb. Invincible Dtr.

FROMAGE PROUD PEGGY
Good Plus - 83
5-2 365d 2X 15260 4.1% 624
She is making another good record and is bred to HAYSSEN HI HOPE (EX-SMT) born Aug. 7, 1954. Sired by Curtiss Candy Invincible (EX) out of GP dam with 553 and 524 lbs. 2X.

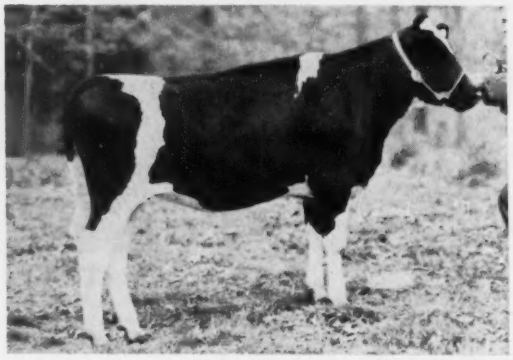
From OBIE SNIDER, Imler, Pa. This Show Dtr. of Invincible Sells



SINGING BROOK PROUD EVIDENCE
Good Plus - 84
Member of 1st Produce 1959 Pa. Farm Show
4-1 353d 2X 13019 3.9% 509 HIR
Born Dec. 2, 1954, she was fresh in March and starting another good record.

★ **Also consigned by SINGING BROOK,** is the heifer - MINNIE LARRY OF SINGING BROOK, born Nov. 7, 1959, by Russinwood Roburke Larry, out of GERKENDALE WILOTOP MINNIE, who was 1st Sr. Yrlg. and Jr. Champion at 8 shows in 1959, inc. the Pa. State B & W, Virginia State Fair.

This "Again" Daughter Also Sells



PIN OAK FARMS AGAIN ROSIE
Born March 1, 1960, selling open. By AGAIN ATHLONE ADMIRAL FOBES (VG-GM) from a 435 lb. 2 yr. dtr. of "Roburke."
ABBEY OF GETHSEMANI, Trappist, Ky.

A Dtr. of This "VG-88" 903-lb. Cow Sells

DONNA ARISTOCRAT SUCCESSOR
Very Good - 88 at 13 yrs.
Excellent on Mammary

13y	365d	2X	26822m	903f	HIR
11y	365d	2X	29129m	829f	DHIA
9y	365d	2X	26298m	821f	HIR

She has produced over 100,000 lbs. milk total since a 9 yr. old.
The heifer selling is WOOD LARK INVINCIBLE DONNA born, March 12, 1959, by Curtiss Candy Invincible (EX) from the cow above. Due in July to Mallary Audacious (EX-SMT). Consigned by DANNY WEAVER, Ashland, Ohio

★ **Consigned by CLYDE THOMAS, Adamstown, Md.** HAPPY ACRES JUNE GRANDEE - born June 22, 1959, she is sired by CURTISS CANDY GRANDEE (VG) out of Sally Colantha Rag Apple B, 408 lbs. 2X at 2 yrs. Due in June to Glenafton Rag Apple Monitor.

★ **From HENRY THORNTON, Mechanicsburg, Pa.** a pair of bred heifers -
One by NEILLIWOOD ROBURKE JOE (EX-SMP), and one by HICKORY CREEK ARISTOCRAT (VG), both out of good record dams. Due in July and June.

★ **From HOWARD SNODDY, West Salem, Ohio** - FORESTCREST DANDY DEWDROP, born Oct. 5, 1958. Her sire - SANDSDALE DANDY DEWDROP (VG son of Dandy George out of Mollie Belle Lyons EX-943) out of dam with 483 at 3 yrs. 2X. Due in July to SKYLINER!

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTISS SALE

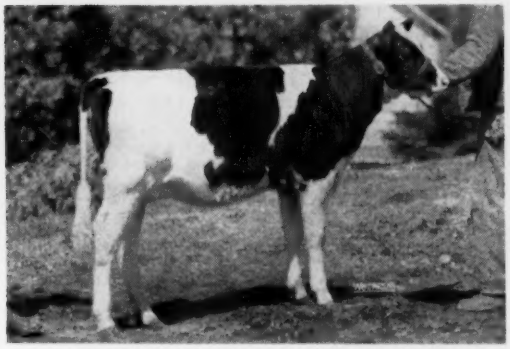
Wooster, Ohio — June 9th 10:00 A. M. D. S. T.

5 Daughters Of Gray View Skyliner (EX-GM) Selling

(Born From July to December)

From HAROLD MONTGOMERY & SONS
Gainesville, N. Y.

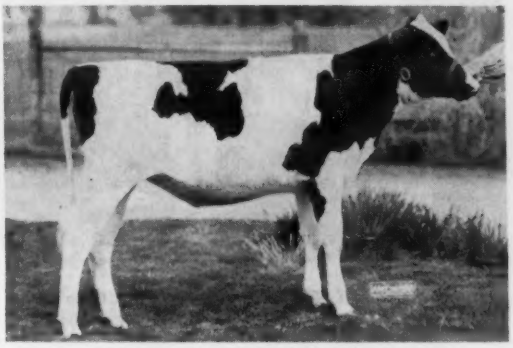
This Lovely Skyliner Selling



OAKTON SKYLINER PERFECTION 2nd
Born Oct. 12, 1960, Sired by GRAY VIEW SKYLINER, her 654 lbs. 2X dam is headed for over 800 lbs. this year and is sired by a paternal brother to Montgomery's 1419-lb. cow.

From KENNETH KOEGLER,
Ashland, Ohio

This July Skyliner Heifer Selling



SHADY PINE SKYLINER FREDA
The sire of this heifer, Gray View Skyliner (EX-GM) has just received his Gold Medal with 19 daughters ave. 592F, an increase of 37 lbs. over dams.

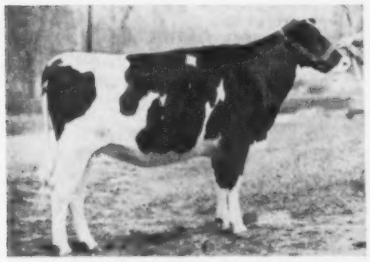
★ **CURTISS COSGRAY, Jamestown, Ohio** is consigning - GRAY LARK ACRES HOPE DEKOL (GP)
2y 299d 2X 15078 4.1% 623 HIR
Born Aug. 4, 1956, she is sired by PABST SIR ROBURKE RAG APPLE (EX-GM). Her dam is GP-620 lbs. With this cow comes her April 1961 heifer calf by GRAY VIEW SKYLINER!

★ **WELLS & BURDETTE, Tuscarora, Maryland are consigning** a December 1960 daughter by GRAY VIEW SKYLINER out of 495 lbs. 2 yr. dam. A real sharp heifer!

★ **From KIRTLAND FARMS, BRUGLER & DILLON, Kinsman, Ohio** comes a SKYLINER DAUGHTER and a ROBURKE DAUGHTER.
The Skyliner dtr. - ROCLYN SKYLINER DEANNA born Oct. 1, 1960 is out of a "ROBURKE" daughter that is making over 600 lbs. at 2 yrs.

★ **The ROBURKE dtr. consigned is - KIRTLAND SIR ROBURKE RUBY,** born June 23, 1958. Her dam is VG with 618 lbs. 2X at 6 yrs. She is due in Aug. to Pinehurst Klazerina Leader, a "Leader" son whose dam is the EX-1062 lb. Klazerina Della 2nd.

This Great Pair of Bred Heifers From MODERN TOOL & DIE FARM, Valley City, Ohio



← **GOVEROR TOPPER REGAL**, is by CURTISS CANDY GOVERNOR CURTISS (VG-SMT) from Topper Regal Ona 6 yr. 327d 2X 17842m 633f.
Other HT records of 535, 521, and 565 lbs. Next dam an own dtr. of PABST REGAL with 604 lbs. Due in Aug. to AGAIN ATHLONE ADMIRAL FOBES (VG-GM).

→ **MODEST PATSY JESS LEADER**, by JESS PABST LEADER (VG) out of dam with 591, 582, 540 lbs. HT. Next dam is dtr. of Denholm Modest Successor with HT records 668 lbs. Due in Aug. to NEILLIWOOD ROBURKE JOE (EX-SMP).

DANNY WEAVER, Sale Manager, Ashland, Ohio Phone 4-5162

Assisting in Selections: George Reed, Lewes, Del., and Harvey Swartz, Waukesha, Wis.

Plan Your Convention Trip to Include the "CURTISS" Sale

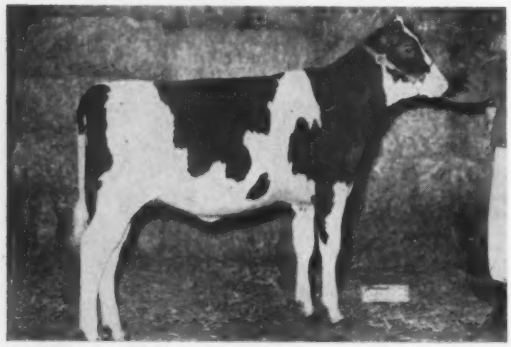
CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTISS SALE

Wooster, Ohio — June 9th 10:00 A. M. D. S. T.

Only Their Desire To Promote Curtiss Bloodlines Could Persuade This Consignment From David Whitmore & Robert Ripley, Urbana, Ohio

A July Skyliner From A "VG" 783-lb. Dam



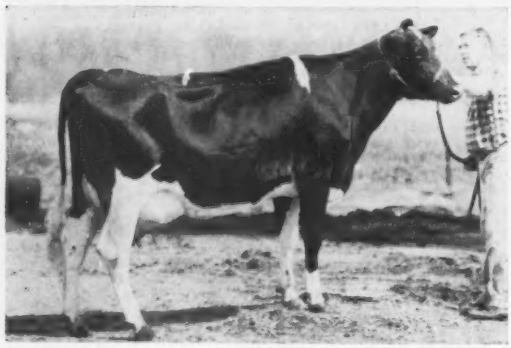
← RO-CO-DA STAR SKY

Born July 22, 1960, By GRAY VIEW SKYLINER (EX-GM) from Daisy Star Hartog (VG) with HIR records 9y 365d 2X 18,778m 783f; 7 yr 365d 2X 18,589m 775f; 8 yr 305d 2X 16,329m 675f.

And a Very Good "ROBURKE" —

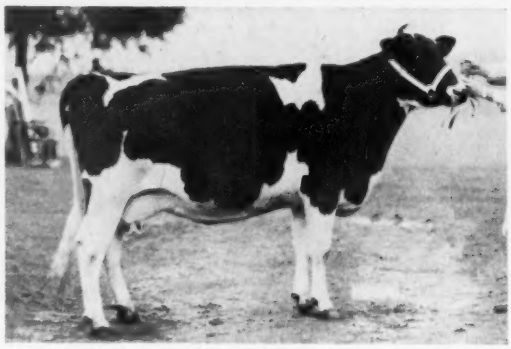
ROSE RO-CO-DA SIR ROBURKE (VG) with 1st calf. 2yr 365d 2X 14,917 3.8% 566 HIR. Due in June to Glenafton Rag Apple Monitor. She is sired by PABST SIR ROBURKE RAG APPLE (EX-GM) out of a VG-86 dam that is headed for over 900 lbs. 2X. this lactation.

From RAY STREICHER, Oberlin, Ohio
This Cow and Her Mar. Skyliner Dtr.



CHERRY MADCAP CURTISS LASS
2-5 321d 2X 11,727 4.08% 503
Born Oct. 4, 1957. By Curtiss Candy Madcap Curtiss (VG). Her dam is a 503 lbs. dtr. of "Dandy George." Fresh March 7, 1961 - she sells with her SKYLINER HEIFER!

From MERLE COY,, East Canton, Ohio
This 84 Point Roburke Dtr.



KEN MAC ROBURKE VELSTRA SALLY
Good Plus - 84
4yr 365d 2X 14,476 3.5% 512
Born Sept. 15, 1955, By PABST SIR ROBURKE RAG APPLE (EX-GM) her dam is GP 410 lbs. at 2 yrs. Next dam is 524 lb. dtr. of Maytag Ormsby Fobes 4th (EX-GM).
She is due in July to GRAY VIEW SKYLINER!

WILOTOP JOBURKE ELAINE

←**HESS BROS., Grafton, Ohio** have consigned WILOTOP JOBURKE ELAINE, Born July 19, 1959. Sired by NEILLIWOOD ROBURKE JOE (EX-SMP), her dam has many good records, 4 from 607 to 730 lbs. 2X HIR. Next dam has 152,000 lifetime, still producing.
Due in August, to Crocker Creation Supreme.

→**JOHN and ROBERT BARNETT, Beloit, Ohio** are consigning ELLA CURTISS CANDY PABST, born Dec. 30, 1958, due in July. Sired by JESS PABST LEADER (VG), her dam is a 453 lb. 2yr dtr. of Curtiss Candy Invincible.

ELLA CURTISS CANDY PABST

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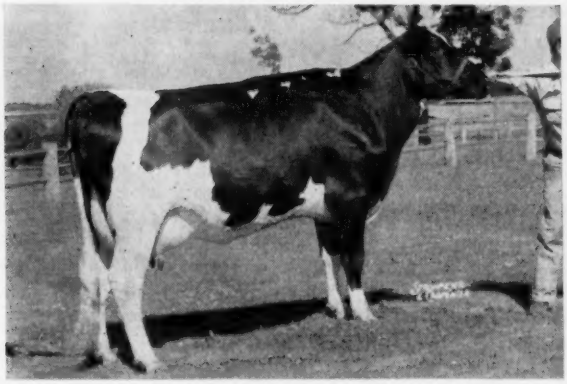
CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTISS SALE

Wooster, Ohio — June 9th 10:00 A. M. D. S. T.

MORE "VERY GOOD" COWS THAT ARE CONSIGNED

From LAKESIDE FARMS, Elkhart Lake, Wis. — A "VG" HIGH HOPE



← HAYSSEN FOND MARIE (VG-88-2y)

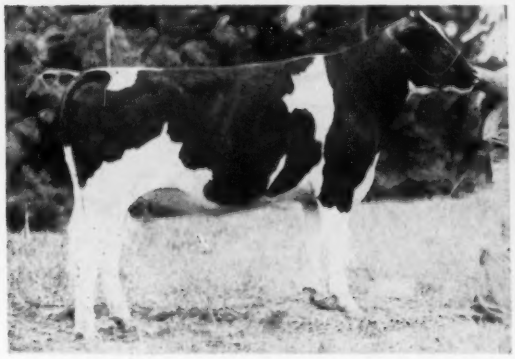
Finishing well over 500 lbs. at 2 yrs. Due with 2nd calf in July. Her sire is HAYSSEN HI HOPE (EX-SMT) and her dam is a VG dtr. of a VG dam that has 3 records over 700 lbs. fat on 2X.

A "VG" Proud Prince Daughter
From Howard McNish, Burton, Ohio
Della Design (Very Good)

4-1 365d 2X 18,650 626 DHIA

Born Sept. 18, 1955, she is due in May to a son of Lillywhite Prince (EX).

From CRESTON FARMS, Comstock Park, Mich.
This Roburke Grddtr. From A 618-lb. Dam

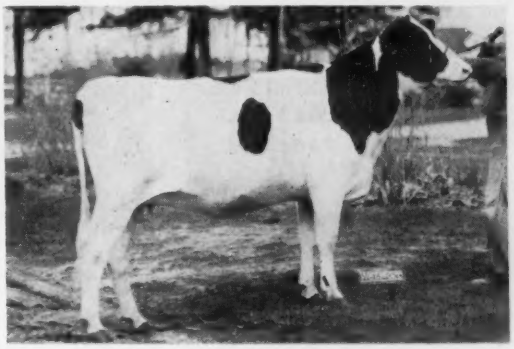


CRESTON FOBES ROSALIND

Traces five times to Creston Twenty Grand! Born June 12, 1859, Sired by Mardic Roburke Fobes (VG) son of Pabst Sir Roburke Rag Apple (EX-GM), that is out of a VG dam with 991 lbs. Dam of the heifer selling is 618 lbs. dtr. of Creston Lucky Strike (VG-GM). Due in July to Braun's Sultan (Leader & Meldomar Comet Doreen, EX-95)

★ **G. A. BECKER & SONS, Botkins, Ohio** are sending a real nice pair of bred heifers due in June and Sept. One is sired by WIS SUPREME CRUSADER (VG-GM) the other by ADOHR GOLDEN PONTIFF.

From BUTH & VanMARKENSTEIN, Belmont, Mich.
A Roburke Dtr. From A "VG" Dam



MARDIC ROBURKE PIETJE

Born Aug. 11, 1958, she is an own dtr. of PABST SIR ROBURKE RAG APPLE (EX-GM). From VG dam with 527 lbs. 4 yrs. Due in July to Creston Countdown (Budd Farm Dunloggin King (VG) out of VG-89, 1045 lb. dam)

★ **WILBERT W. BECKMAN, Minster, Ohio** - APPLE-NOTCH CROWN LYNN, born Aug. 14, 1959, by HICKORY CREEK CROWN PRINCE (VG-G SMP). Dam is GP-84 with DHI records to 543 lbs. 2X. Due in Sept. to WIS SUPREME CRUSADER (VG-GM).

A Pair of "VG" Cows From ARTHUR DAVIS, Middletown, Del

★ **NUTWOOD ROBURKE LUCKY (VG)**
3y 365d 2X 16,500 m 569 f
Born Dec. 2, 1956, by PABST SIR ROBURKE RAG APPLE (VG-GM), her dam is a GP 427 lbs. dtr. of "Dandy George." Due at sale time to Mister Pabst Posch, (Jess Pabst Leader "VG" from 515 lb. dam)

★ **NUTWOOD ROBURKE JOE BARBARA (VG)**
2 yr. 296d 2X 12,950 m 462 f.
Born Dec. 28, 1955, by NEILLIWOOD ROBURKE JOE (EX-SMP). She has another good record under way, and is bred back to Mister Pabst Posch.

Mr. Davis consigned the top cow in our sale in 1960. - Nutwood Proud Prince Gloria. She has since been classified Excellent, and is making a nice record for her new owner, Obie Snider, Imler, Pa.

Plan Your Convention Trip to Include the "CURTISS" Sale

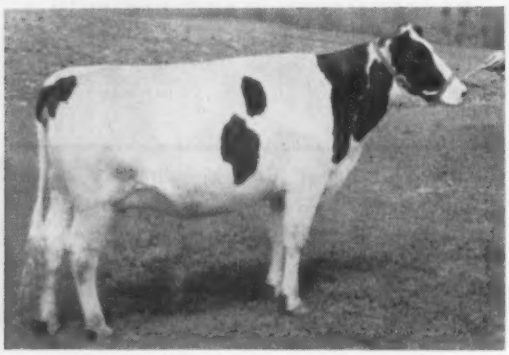
CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTISS SALE

Wooster, Ohio — June 9th 10:00 A. M. D. S. T.

3 Lyon Brook Wallie Queen (EX) Daughters Sell !

From RIVER VALLEY FARM, Milford, N. Y. This "Wallie" From a 555-lb. 3-Yr-Old Dam



RIVER VALLEY FANNY QUEEN
Born Dec. 18, 1958. She is due in Sept. to River Valley Wallie Symbol (a "Wallie" son out of a 769-lb. dtr. of an EX. 904 lb. dam). The heifer selling is an own dtr. of LYON BROOK WALLIE QUEEN (EX-SMT). Dam of heifer selling is a 555 lb. 3.9% granddaughter of Pabst Roamer.

Another "Wallie" From N. Y. State

★ **FOREST GREEN BONHEUR WALLIE**
Born March 28, 1960, selling open. A dtr. of LYON BROOK WALLIE QUEEN (EX-SMT), her dam has records of 597 lbs. and 686 lbs. to 19,910 lbs. milk 2X, is GP-84. Dam's full sister has 20170 - 748. —Consigned by **LEWIS WATERS, Whitesville, N. Y.**

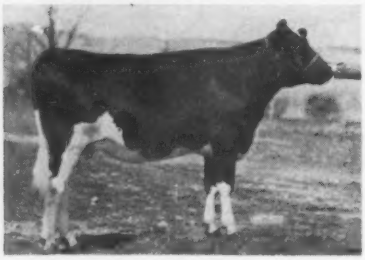
A "Wallie" From Lilac Hill

★ **LILAC HILL FARM, HENRY WEGENER & SONS, Ingleside, Illinois,** are sending a dtr. of LYON BROOK WALLIE QUEEN (EX-SMP) that is out of a daughter of their great "Elsie" cow that is VG-88 with many records from 2 to 14 yrs. of age, with 5 over 20,000 lbs. milk and over 800 fat. HERE IS ONE TO WATCH FOR - Due in fall.

★ **From CLIFFORD HUNT & SON, Jasper, N. Y.**
HUNTHOLM AGAIN FAY, Born May 9, 1959. Due in Sept. to MOOSEHEART MONOGRAM (son of "Roburke" from the EX-93, 824-lb. Greentop Lassie Ormsby Gypsie). The heifer selling is by AGAIN ATHLONE ADMIRAL FOBES (VG-GM) out of GP dam with 15858 4.1% 647 at 6 yrs.

★ **MOHICAN VALLEY FARMS, Jeromesville, Ohio**
MOHICAN VALLEY PABST POSCH, born Oct. 2, 1958. Due in July to AGAIN ATHLONE ADMIRAL FOBES (VG-GM). By PABST LEADER REGAL ADMIRAL, from a 468 lb. 2 yr. old dam.

From DONALD CROWELL, So. Dayton, N. Y. This Dtr. of "Again"



← **GREEN BANKS AGAIN CHRISTY**
from 501 to 584 lbs. Next dam a son of Raven Burke Ideal (EX-GM). By AGAIN ATHLONE ADMIRAL FOBES (VG-GM). Her dam is VG-86 with 3 HT records from 501 to 584 lbs. Next dam VG with 559 lbs.

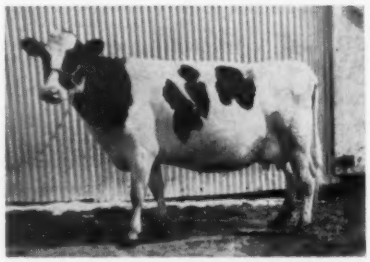
★ **HAROLD & VERNA SELLERS, Lebanon, Pa.**
a real pair of bred heifers—
GEM ROCK PABST MABEL, Born Jan. 8, 1959 by WALKER MABEL PABST OF RONHUB, from a 3 yr. old dam 3-3 349d 2X 15,966 3.96% 631, due by sale time to AGAIN ATHLONE ADMIRAL FOBES (VG-GM)

★ GEMROCK PABST SALLY, Born May 4, 1959 by JESS PABST LEADER (VG) from GP dam with 3y 350d 2X 17,471 4% 705 DHIA, next dam with 656 lbs. fat. Due by sale time to GRAY VIEW SKYLINER (EX-GM)!

MIKESFARM SUPREME ZIDO

← **From MIKE ANDREWS, Leicester, N. Y.,** comes a WIS SUPREME CRUSADER daughter. Her dam is GP-82 4y 15780 4% 629; 3y 13540 4% 533. Due in Aug. to WALKWAY HONEYMAN RUSTY (from 87 GMD with 1032 lbs. 2X).

→ **From WILLIAM F. MILLER, Trout Run, Pa.**
The cow pictured at right. Sired by PABST REGAL BLOOM (VG-SMP). Her dam has 510 lbs. at 10 yrs. Bred to GRAY VIEW SKYLINER!
Mr. Miller is also sending BILLANN DAIRY CREATION SUSIE, born Sept. 13, 1959, bred to HAYSSEN HI HOPE (EX-SMT).



BILLANN DAIRY BLOOM REBA

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE
June 9, 1961
Wooster, Ohio

GREAT LAKES CURTISS SALE

Wooster, Ohio — June 9th 10:00 A. M. D. S. T.

TYPE — PRODUCTION — DEPTH OF PEDIGREE

James Jones, Forest, Ohio Sends 3 Top Females

A Roburke "VG" at 2 yrs.

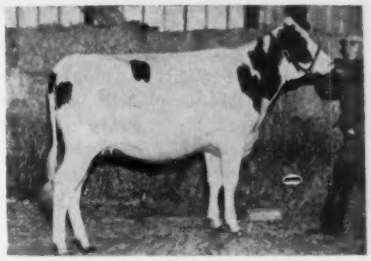
JADOT ROBURKE BELLE
Very Good at 2 yrs.
Making over 500 lbs. fat as 2 yr. old, she is bred back to calve again in early Sept. An own daughter of PABST SIR ROBURKE RAG APPLE (EX-GM) her dam is a 607 lb. dtr. of CURTISS CANDY DANDY CURTISS (VG-SMP), next dam is VG with over 112,000 lbs.

Mr. Jones says "THIS IS THE BEST YOUNG COW IN OUR HERD"

Also Selling:

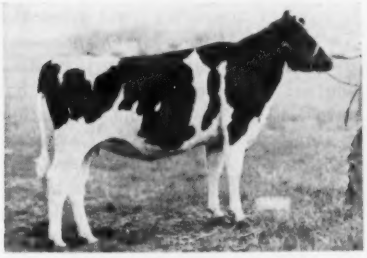
JADOT PROUD REINE (GP-83), born in Dec. 1955 she has HIR records of 540, 520 and 471 lbs. to 16,000 lbs. milk. She is an own daughter of HICKORY CREEK PROUD PRINCE (EX-SMT), her dam has records to 594 lbs. Due in July to a son of Clearcreek Model.

A Wis Avalanche Dtr.



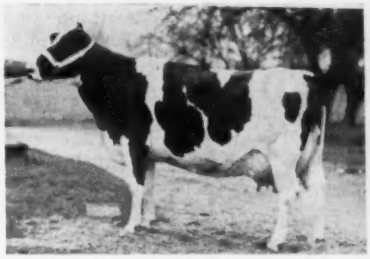
JADOT WIS ORMSBY RUTH
Born Aug. 8, 1959, by WIS AVALANCHE (GP-SMP), out of 460 lb. 3 yr. granddaughter of "ROBURKE," maternal gr.-dam has 662 lbs., next dam 752 lbs. all 2X. Due in Aug. to GRAY VIEW SKYLINER (EX-GM).

From C. F. HARTZLER, Smithville, Ohio
This "Roburke Jo" Daughter



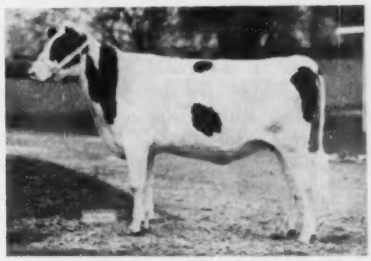
MAUD ROBURKE BELLE
Born March 16, 1959, her sire is NEILLIWOOD ROBURKE JOE (EX-SMP), dam has records to 331d 2X 14684 4.2% 620 HT. due in July to SKOKIE BENEFACTOR!

KENNETH CONRAD, Sterling, Ohio
Sends This Cow's Daughter



KEN-AL M RETRIEVER JESSIE
The heifer consigned is out of the cow pictured and sired by PABST ROBEL GOVERNOR (VG-SMP). She is due in Aug. to WALKER MABEL PABST OF RONHUB.

From ARTHUR MAIBACH, Creston, Ohio
This "Roburke Jo" Daughter



JAN-AR ROBURKE JOE LILAC
Born March 10, 1959, sired by NEILLIWOOD ROBURKE JOE (EX-SMP), her dam is VG-86, 18059m 646f, next dam also VG-86 with 19623m 647f 2X HIR. Due Sept. 1 to Tidy Burke Cornerstone (by Ormsby Burke Pontiac Mose EX-GM, from the 94 EX-GM Hammerhead cow).

★ **JAN-AR ROBEL SPOT,** born March 9, 1959, by PABST ROBEL GOVERNOR (VG-SMP) from a dtr. of CURTISS CANDY MASTER SPARKER, with 3 records over 600 lbs. Due in Aug. — Arthur Maibach, Creston, Ohio

★ **OPHF HOMESTEAD JOE,** Born June 1959, bred to calve in early fall. By ELMER BROOK CURTISS HOMESTEAD, whose EX-Gold Medal Dam has over 220,000 milk 8,000 fat to date. Dam of the heifer selling is GP - with 17,000 milk and 636 fat DHIA.
Consigned by C. T. DAVIS & J. R. SAXTON, New Brunswick, N. J.

★ **MAKEMOR BUENA VISTA SUNBEAM,** born March 27, 1959, by SANSDALE DANDY DEWDROP (VG) Dandy George son out of Molly Belle Lyons (EX-943 lbs.). Her dam is VG with records to 19,020 3.6% 680 lbs. DHI
C. DOUGLAS BUCK, New Castle, Del.

★ **A PROUD PRINCE DTR. - From J. J. ZIEGLER, Carlisle, Pa. -**
HAZEL BUSH PROUD CANARY "Good Plus." Born April 13, 1955 3 yr. 14,773m 441f. DHI.
By HICKORY CREEK PROUD PRINCE (EX-SMT) from dam with 446 at 2 yrs. Due in June to LYON BROOK WALLIE QUEEN!

DANNY WEAVER, Sale Manager, Ashland, Ohio Phone 4-5162

Assisting in Selections: George Reed, Lewes, Del. and Harvey Swartz, Waukesha, Wis.

RUBY'S "VG-88" Daughter Consigned to the

GREAT LAKES CURTiSS SALE
June 9th

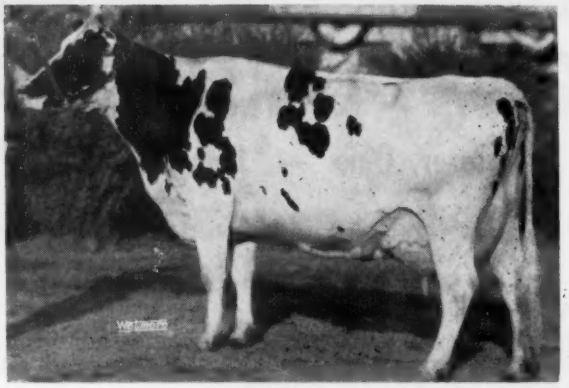
TRIUNE B. F. GENEROUS RUBY

Just rated VG-88 with first calf

Her HT record to date: 2y 2X 314d 11140 M 407 F (still on test). Her dam, pictured, is a daughter of Pabst Governor (EX-GM), out of Weber Pinky June, dam of Weber Double Cameo (EX) and Weber Burke Pepper.

Her sire is Ravenglen Genius Triune, 1956 All-American Bull Calf, son of Ravenglen Triune Prince (EX-GM) and Ormsby Commander Jane (EX), the famous old Curtiss Grand Champion with 892 lbs. fat.

"Generous Ruby" was bred 9-27-60 to Man-O-War BF Crescent Combine (EX-SMT), son of Belle Beauty Ormsby Combine (EX-94, GM). His 31 daughters average 85.2 score and have records to 653 on 2X at 3y.



WEBER ADMIRAL BURKE RUBY (EX-93)
Lifetime over 140,870 M - 5,206 F 2X and still producing. Nominated All-American Aged Cow and Grand Champion Wis. State Fair, 1955. Ruby has been officially classified 8 times by 5 different inspectors, from 2 to 13 years of age, and every time has been rated Excellent on Mammary System. She has two VG daughters and daughters with up to 627 fat, 2X, 4y.

This heifer comes from a top family for type, consistent production and longevity. She could be a real foundation for anyone.

BRISTOL FARM VISITORS WELCOME **Bristol, Wisconsin**

3 Mi. S of Bristol on 45, then West sign. Dr. Herbert Lothe, Owner

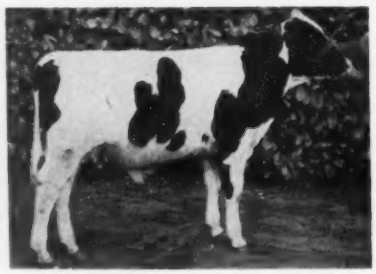
CLASSIC FIVE (From page 68)

(3) The Clovertop Farm of Russell Wachter, Keymar, Md. An Excellent cow in this herd, Clovertop Della Marie, has just been reported with 24,969 lbs. milk, 1118 lbs. fat on 2X HIR as an 8-year-old — the second highest aged cow in HIR 2X in Maryland. Russell also owns and bred Clovertop Sir Della Sue, All-Maryland 4-year-old and Nominated for All-American, 1960. She was a member of the All-Maryland Produce of Dam, 1960.

(4) Logwood Farm, whose herd is owned by H. B. Millhauser and Wm. H. (Buddy) Hill, with the latter the operating partner. Logwood is located near Reisterstown. They developed Pond Gate Mister (VG-GM) before his $10,000 sale to the Md.-West Virginia bull stud where he is one of the most popular bulls. Another famous herd member is Prosperity Hill Sesame Fobes (EX-91-972 fat), Res. All-American Aged Cow, 1955, and twice Honorable Mention. Her daughter was Res. All-American 2-year-old of 1954. Fobes' two sons—full brothers—are in service at Logwood and Clovertop Farm. And,

(5) Pond View Farm, owned by Allie Messer, formerly of Gaithersburg but now located near Frederick. Rosafe Trustee, sire of a Junior All-American, Reserve All-American, and five All-Marylands, is jointly owned by Pond View and Hickoryvale. Molly Fobes Segis Ormsby, Maryland State Record 2X aged cow with 24,049 milk, 1246 fat, is a member of this herd. She is a granddaughter of Fobes Ormsby Netherland Korndyke, a bull who did a great deal for Pond View and the Virginia Artificial Breeding Co-op.

It will be interesting to follow the progress of the "Classic Five."



CARNATION BUTTER BOY ELATION
A Butter Boy son from Carnation Skylark Lassie Heilo (VG), an 845-lb. daughter of Revelation from a full sister to the dam of Carnation Professor. Elation has been sold by Carnation Milk Farms, Carnation, Wash., to Miguel German-Ribon, Bogota, Colombia. Carnation Butter Boy Tribute, a full brother to Elation, is owned by T. K. Nitterhouse, Chambersburg, Pa.

BRAUN STARTING NEW HERD

A. D. Braun, owner of Braun's Sunny Lea Farms near Waukesha, Wisconsin, has purchased the Dickinson farm right across the road from the No. 1 Pabst Farms, at Oconomowoc and plans to build a new breeding herd of registered Holsteins. He has purchased for his starting foundation group 15 daughters of Wis Champion from Utah. This jointly owned sire is now at Pabst Farms, where he was recently raised to Excellent. He has his Silver Medal Type rating and a plus proving on 25 dam-daughter pairs. He is a son of Wisconsin Masterpiece (EX-GM) from the Excellent Wis Vanity, daughter of Wisconsin Venus (EX--Gold Medal Dam). Roger Seath, herdsman at the old Sunny Lea Farm under manager Nelson Rehder, is remaining with Mr. Braun at the new place.

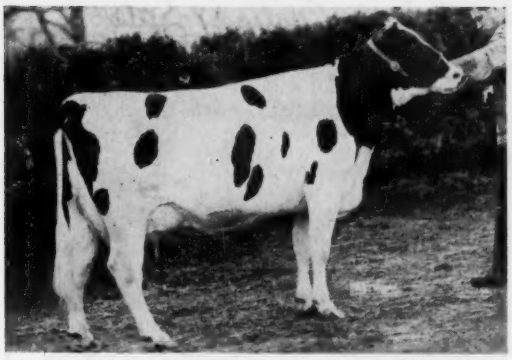
Da-Co-Ton Crescent Fannie (EX-95), the brilliant campaigner who was twice Reserve All-American Aged Cow and with two 900-lb. 2X records, freshened April 1st with a "big beautiful black bull calf. She looks the best she has since she was Grand Champion at Waterloo and weighed right at a ton before calving," according to owner Allen Hetts, Fort Atkinson, Wis.

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTiSS SALE — June 9th

This Show Dtr. of Invincible Sells



SINGING BROOK PROUD EVIDENCE (GP-84)
Member of 1st Produce, 1959 Pa. Farm Show
4y 1m 353d 2X 13,019 3.9% 509 HIR
Born December 2, 1954; fresh in March and starting out well again.

A Show Cow and Lovely Heifer to Great Lakes Curtiss Sale

The Heifer Selling: MINNIE LARRY OF SINGING BROOK
(Born Nov. 7, 1959)

Minnie is sired by Russinwood Roburke Larry (SMP), highly proven son of Pabst Sir Roburke Rag Apple (EX-GM).
Her dam is the great show heifer at right. →

GERKENDALE WILOTOP MINNIE
All-Pa. Sr. Yrlg. Heifer, 1959.
Jr. Champion at 8 shows including Pa. B & W and Va. State Fair.

Dam of Heifer Selling

SINGING BROOK FARMS

OBIE SNIDER
Owner and Manager

IMLER, PA.

GEORGE CRAIN
Herdsman

A Top Young Proud Prince Daughter To Wooster, Ohio

She Is - HAZEL BUSH PROUD CANARY

Good Plus **Born April 13, 1955**

3y 14,773 Milk 441 Fat

Her Sire's Dam- CLARKDALE GLORIA POSCH ORMSBY (EX) 6y 365d 2X 27,299 4% 1103f Dam of Hickory Creek Proud Prince (EX-SMT), Canary's sire.

Canary's dam is Hazel Bush Sovereign Duba with 2y 12,787 3.6% 446; her granddam is H. B. Margie Pontiac, 6y 315d 2X 15,607 3.8% 585.7, DH.
This lovely young cow due in June to Lyon Brook Wallie Queen

JAY RIDGE FARM

J. J. ZIEGLER R. D. 1, CARLISLE, PA

A "Proud Prince" to the — CURTiSS GREAT LAKES SALE

DAUGHTER SELLS

HICKORY CREEK PROUD PRINCE 1119514 (EX-SMT)

DELLA DESIGN 4141930 (VG)

4y 2m 365 2X 18,650 627
A daughter of Hickory Creek Proud Prince (EX-SMT), pictured above and from Dorothy Design. Due at sale time to Lilly Alban Segis a son of Lillywhite Prince (EX-91) and Lillywhite Countess Segis a 534 lb. fat 2-year-old show daughter of Carnation Count (VG-GM).

McNish Dairy Farms

HOWARD & DONALD McNISH Burton, Ohio

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

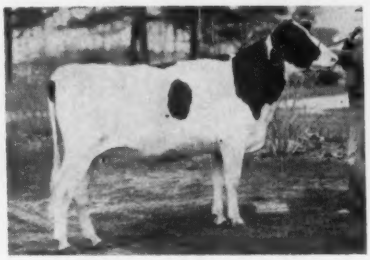
GREAT LAKES CURTiSS SALE - June 9th

Michigan "Roburkes" to Great Lakes Curtiss Sale

CRESTON FOBES ROSALIND
Born June 12, 1959

← BY SHOW SON OF "ROBURKE"

BY " ROBURKE" → HIMSELF



MARDIC ROBURKE PIETJE
Born Aug. 11, 1958

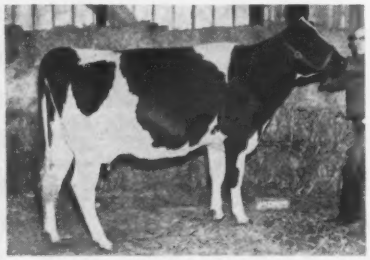
Sire: Mardic Roburke Fobes (VG-87) 2nd 2-yr. old bull, International, Mich. State Fair, Mich. B & W Show, 1959. His dam- VG-88- has 991 F.- 4.6% 2X.
Dam: Creston L. S. Rosalind
295d 6y 2X 14,331 4.3% 618
358d 5y 2X 16,166 3.7% 605
Gr. dtr. of Creston Twenty Grand Bred: Brauns Sultan (VG)-Oct. 22, 1960; he a son of Meldomar Comet Doreen (EX-95) Gr. Ch. female Ohio State Fair, 1955 with 916 F. and by Wis Leader (EX-GM).

Sire: Pabst Sir Roburke Rag Apple "Excellent - Gold Medal" Twice Res. All-Am.-has dtrs. to 1020 fat.
Dam: Mardic Lad Pietje (VG)
365d 4y 2X 14,736 3.6% 527
365d 2½y 2X 12,573 3.6% 455
Gr. dtr. of Creston Twenty Grand Bred: Creston Countdown-Oct. 22, 1960, Son of Creston L. S. Countess (VG-89) 365d 6y 2X 24,541 4.3% 1045 and by Budd Farm Dunloggin King.

CRESTON FARMS — **MARDIC FARMS**

Buth Bros. - Comstock Park, Mich. — D. A. Buth - Gerrit VanMarkenstein, Belmont, Mich.

A Show Prospect — And The Greatest Foundation Female We've Ever Consigned



SELLING AT WOOSTER

JADOT ROBURKE BELLE

Born 7-15-58
Her 2-yr. old HIR 2X record is 10,960M 4.3% 471 F. (SA)

Some of the reasons why "Roburke Belle" will be a most worthwhile investment for her new owner June 9th.
* She is an own daughter of Pabst Sir Roburke Rag Apple.
* She classified "VG" at 2-yrs.
* By a GP-82 dam with 13,145 M and 607 F. at 4-yrs., a dtr. of C. C. Dandy Curtiss and our Bonivue Sovereign cow, VG-633-lb. gr. dtr. of Sovereign- producing a still high record at 11 yrs.- over 112,000 M. at 10-yrs.
* Bred to our 700-lb. son of Robel Governor that was 1st sr. yrlg. & Jr. Ch. bull at the Springfield, Ohio show, winning over Ohio State 1st place sr. yrlg. Due Sept. 7 - just right for shows.

OUR TWO OTHER CONSIGNMENTS may please you, too. Look them up at the sale.

Visitors always welcome

Calfhood Vacc.- HIR testing 2X Milking

JADOT FARM — J. A. JONES, OWNER
FOREST, OHIO Rt. 23 Phone CR 3-4693

TO THE GREAT LAKES CURTISS SALE . . .

Don't Overlook This Pair Of Heifers From Wisconsin

Roclyn Prime Glory- a dtr. of Johanna Lochinvar Prince, VG, out of a VG -86 pt. dtr. of Wald-O-Mar Twenty Grand Boy-SMP. Due near sale time to Skokie Benefactor (VG).

—— ALSO ——

Roclyn ReGrand Dell a dtr. of Roclyn TyVic Re-Grand who is a son of Minnow Creek Eden ReGrand. Ex. "Dell" is a dtr. of a GP dtr. of Wald-O-Mar Twenty Grand Boy "SMP." Due about sale time.

The Wald-O-Mar Twenty Grand Boy dtrs. and granddtrs. are doing a real job in our herd with records over 19,000-lbs. milk and are increasing in type each time we classify.

Acc.- Classified Certified HIR testing

★ **ROCLYN FARMS** ★

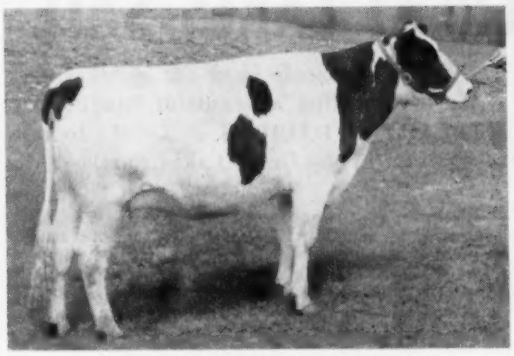
ROGER F. SHERMAN & SONS WILMOT, WIS.

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTiSS SALE - June 9th

Selling June 9th



RIVER VALLEY FANNY QUEEN
Born 12 - 18 - 58
A daughter of Lyon Brook Wallie Queen (EX-SMT), top proven son of Hamaret Queen Prospector (EX-1319f). 88 paternal sisters to this heifer average 82.1 points on classification!

A Beautiful "Wallie"

To The Great Lakes Curtiss Sale

River Valley Fanny Queen
Born 12 - 18 - 58

Here is a very nice Wallie daughter out of River Valley Roamer Nancy with: 3-11 2X 349d 14,230 M 3.9% & 555 F. Second dam is River Valley Cavalier Dandy with: 2-8 2X 365d 16,237 M 4% & 649 F. Third maternal dam is River Valley Supreme Amelia (VG-87) with 3 records over 1000f on 2X up to 1108f. A maternal sister to the heifer selling has 540 fat as a jr-3-yr-old in 10 months. Her dam is a granddaughter of Pabst Roamer and this Burke-Wallie cross has worked exceptionally well in our herd.

FANNY QUEEN is due in Sept. to River Valley Wallie Symbol, a Wallie son from Hamaret Syndie Titleholder, 769-lb. 4.3% daughter of Hamaret Silver Prospector (EX-904f). This calf will have a top pedigree!

River Valley Farm
MRS. G. LOW & SON — MILFORD, N. Y.
Acc. — Cert. — Vacc.

A "VG" BLACK BEAUTY

to the

Great Lakes Curtiss Sale

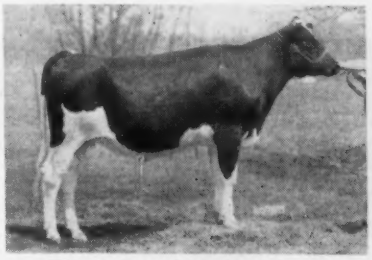
DANDY CURTISS RENOWN DE KOL
VG-85 (April 2, 1960)

2-4	2X	365d	13,443	3.6	488 HT
3-7	2X	365d	15,499	3.8	573 SA

This outstanding 4-year-old daughter of **Curtiss** Candy Dandy Curtiss tapes close to 1800 pounds! Her dam is untested, but the dam's full sister was VG-85 at 2y and has 2X records of 561 and 645 lbs. (SA) at 2 and 3y. **She is due July 12 to Wis Captain (EX-GM)** - a real dividend for you!

KENNETH W. GRIMES & SONS
Acc. — Vacc. — HIR avg. 14,938 M 560 F
16035 Lewisville St., N. E.
HOMEWORTH, OHIO

SELLING at the Great Lakes Curtiss Sale



WILOTOP JOBURKE ELAINE
(Born 7 - 19 - 59)

ELAINE is a top daughter of Neilliwood Roburke Joe (EX-GM) a son of the great Pabst Sir Roburke Rag Apple (EX-GM). Her dam has 4 records from 607 to 730 lbs. fat 2X HIR. The next dam has 152,000 lbs. milk lifetime and still producing.
ELAINE is due in August to the service of Crocker Creation Supreme.

Look For Her June 9

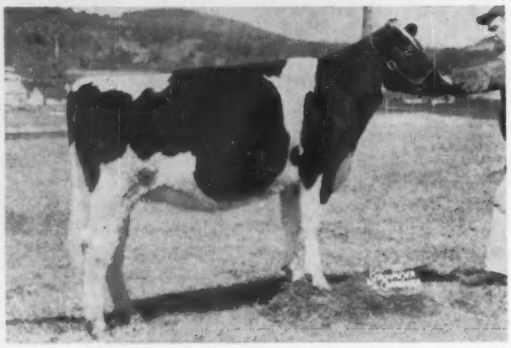
Wilotop Farm
HESS BROTHERS **Grafton, Ohio**

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTiSS SALE - June 9th

PATIENCE to the - - GREAT LAKES SALE



UPWEY AUDACIOUS PATIENCE
Born January 4, 1959

We are sending a beautiful daughter of MALLARY AUDACIOUS (EX-GM) to represent him in the Great Lakes Curtiss Sale.

Patience is linebred to Audrey Posch (EX-GMD), being sired by her son AUDACIOUS and out of a daughter of **Mallary Emblem** (VG-SMT), our son of Audrey by a former major sire, **Mallary Farm Rag Apple Triumph (VG-SMP).** Patience is in the fifth generation of our Posch-Abbekerk-Rag Apple breeding program, and descends from most of our principal sires of the past twenty-five years, including our foundation sire, Montvic Posch Rag Apple (VG-GM), Mallary Farm Rag Apple Triumph (twice), Glenafton Keystone (GP-SMT), Mallary Emblem and Mallary Audacious. She is a member of our "Prudy" family, which has produced many state class leaders and at least one national production champion.

Patience was bred December 18, 1960 to Mallary Rebel, son of Mallary Rag Apple Keepsake (VG-GM) and Brookmere Dixie Begins (EX-94) with nearly 150,000 pounds of milk in 10 lactations.

MALLARY FARM
BRADFORD, VERMONT

Accredited - Certified - Vaccinated
HIR 1960: 649f - Class. 1961: 84 - PBR 1960

A Sensational Young Gray View Skyliner *Daughter*

To The Great Lakes Curtiss Sale

OAKTON SKYLINER PERFECTION 2nd 5288340

Her dam: Oakton Gable Perfection 4144905

4y	185	2X	12,860	522	(In prog.)
Still milking 60 lbs. a day					
3y	365	2X	17,980	654	
2y	354	2X	12,779	467	

Dam is daughter of Oakton Monarch Gable Parthenea son of Zeldenrust Fobes Grand Monarch; the next dam is also by Monarch, the sire of the 1419 lb. "Cona" cow. The Parthenea bull left an outstanding group of young cows in our herd. He has daughters to 718 lbs. fat.

This Is A Great Opportunity To Add To Your Herd The Blood Of Two Of The Breed's Great Cows, "SKYANNE" and "PONTIAC."

Remember "Cona's" son sells in the National Convention Sale June 8, at Cleveland. See May 10 WORLD, pages 74 & 75 for complete information.

OAKTON HOLSTEINS

Harold Montgomery, Gainesville, N. Y.

Our farm is about 45 miles southeast of Buffalo, New York, 1½ miles west of Hermitage, N. Y. on N. Y. Rt. 78 to Wyoming County Road 57, then 2 miles north to farm. Visitors are wlecome at any time. Use Thruway Exit 47 at Le-Roy, N. Y.

Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE June 9, 1961 Wooster, Ohio

GREAT LAKES CURTiSS SALE - June 9th

"SENDING OUR BEST TO THE WEST"

Look For

West Riding Sky Maid (born 12-2-60)

At The

GREAT LAKES CURTiSS SALE

June 9th — Wooster, Ohio

Her Sire	Her Dam
The one and only GRAY VIEW SKYLINER	Dewdrop May Korndyke 2y3m 365 12,480 3.5% 440F

We have 13 Skyliners - the most promising group of calves ever started on the farm. The Skyliners please us! SKY MAID will please you! Don't miss her!

WEST RIDING FARM

Wells & Burdette — Analyzed By aAa — Tuscarora, Md.

A Wallie Daughter Sells

LYON BROOK WALLIE QUEEN
(EX-SMT)

SELLING — FOREST GREEN BONHEUR WALLIE, born March 28, 1960, a beautiful yearling daughter of Wallie that weighs over 900 lbs. at just past a year. Her dam, a daughter of Emperor of Hawkhurst has 19,710M and 679F in 10 months and this year is starting on a better record. A full sister to the dam has 20,170M and 749F. This is quite a cow family and this Wallie daughter is quite a heifer.

1959 Herd Average:	15,550 Milk	550 Fat
1960 Herd Average:	17,460 Milk	597 Fat

LEWIS WATERS

Whitesville, N. Y.

Two Top Heifers to the — Great Lakes Curtiss Sale

★ ★

No. 1 - GEM ROCK PABST MABEL

Born Jan. 8, 1959

A beautiful uddered 2-year-old daughter of Walker Mabel Pabst of Ronhub. Just fresh with heifer calf by Again Athlone Admiral Fobes (VG-GM), also selling.

Dam: Gem Rock Rag Apple Polly

3y	349d	2X	15,966	3.96%	631
4y	131	2X	8,730	396	(In Prog.)

No. 2 - GEM ROCK PABST SALLY

Born May 4, 1959

A well grown, beautiful heifer sired by Jess Pabst Leader and out of Gem Rock Rag Apple Sarah:

3y	350	2X	17,471	4.0%	705

Will be fresh by sale time to Grayview Skyliner.

★ Gem Rock Farm ★

HAROLD H. & VERNA E. SELLERS

Lebanon R. D. 4, Pa.

★ ★

OPHF Homestead Jo 5117624

to Great Lakes Curtiss Sale

Jo will be just two years old on sale day. On May 1 she taped 1250 lbs. and is due in early July to Morrisville Sandsdale Cochran 1348869 whose dam has several nice records to 740 lbs. fat on 2X. His sire is the popular Sandsdale Sovereign Cochran 1281699.

Jo's dam, Locustmoor Miss Josephine 3939350 (GP) has several records to 636 lbs. fat and 17,000 lbs. milk. So far this lactation she has in 127 days 303 lbs. fat and 8,540 lbs. milk at 6y. She should go over 700 lbs. fat this year.

Jo's sire Elmer Brook Curtiss Homestead 1205983 (GP) shows an increase of 1774 lbs. milk and 58 lbs. fat on 10 dtr.-dam pairs. Her maternal sister at 2y 4m has in 256 days 9,220 M 402 F.

Bid last on this growthy heifer June 9. We are sure you will be happy.

Old Pine Hill Farm

C. T. DAVIS — Phone VI 4-9482 — J. R. SAXTON

R. D. 3, New Brunswick, N. J.

Consigned **To The GREAT LAKES CURTiSS SALE June 9, Wooster, Ohio**

Her Twice 20,000M - 800F Dam

WISBEE M MR DEEN LOUIE (VG)

WISBEE MR D BOMBER LAURA (will be fresh)
2y 6m 329 2X 12,500 3.5% 435
Sired by Curtiss Candy Della Bomber.

LOUIE FRESH 3-15-61 with twin bulls by our herd sire Shaws DCT Fern (for Pedigree see Aug. 10, 1960 issue of the World), several other top herd sire prospects available from high producing Burke bred cows.

Vacc. Cert. Acc. HIR Class.

DUNROBIN FARM

J. LINCOLN MORRIS **ANDOVER, OHIO**

Convention Goers Invited To Stop and Look Over Our Herd—Located 75 mi. East of Cleveland on Ohio Rt 7, 15 miles South of Conneaut or 57 miles North of Youngstown.

$2,600 Top in Rutt Milking Herd Dispersal

CATALOG SUMMARY

41 Females 2y & Over (3 calves under 3 mos. s.w.d.)	**$24,080**	**$587.32**
	460	**153.33**
3 Bred Yearlings	**965**	**321.67**
2 Open Yearlings	**450**	**225.00**
4 Heifer Calves Over 3 mos.	**1,215**	**303.75**
3 Bulls over 3 mos.	**1,895**	**631.67**
53	**$29,065**	**$548.40**

The George A. Rutt, Garwood Farm Milking Herd Dispersal, held at the farm, Stevens, Pa., March 30, under the management of R. Austin Backus, Inc., Mexico, N. Y., was a highly successful event with the offering of 53 head bringing the good average of $548.40 and a top price of $2600 for a cow along with $1500 for her October bull calf. The cattle went into five states with still other states represented in the bidding and crowd attending.

The sale started with Garwood Ivanhoe, nice straight, black son of Osborndale Ivanhoe and the top cow born in October, 1960. He brought $1500 on the bid of Robert J. Butz, Kankakee, Illinois, who came to buy him and did. Next was the star attraction of the sale, Garwood Blythe B Lucy, Excellent at 3 years and the third Excellent cow in direct line. She is a daughter of Maplebend Dean King Posch (VG-GM) and is out of an Excellent Lucifer daughter with 813 lbs. fat; next dam the Excellent -93 Massedale Blythe Rag Apple with 881 lbs. fat at 12½ years, all 2X records. The successful buyer was Filbert Farms, A. H. and F. W. Paul, Germantown, Md., at $2600. The contending bidder, with Al Smith, Springville handling the bid, was Gordon Newton, South Carolina. Others in at over the four-figure mark were Robert Butz and John M. Umble, Atglen, Pa. She is pregnant to Cochran General (EX-GM) and due in October. Filbert also purchased Garwood Ty Vic Daisy (GP) for $740. She is a dtr., of Osborndale Sir Ty Vic Fobes (VG-GM) from a GP-688-lb. dam; next dam VG-545 of fat and the third dam, Tulane Inka Pietertje (EX-979f).

The other animal over four figures was Fair Hill Grand Raven (VG-88), a 516-lb. 2-year-old daughter of Creston Grand Master going for $1025. She was the only purchase of Irvin D. and Levi H. Weaver, Blue Gill Farm, Bath, N. Y.

The animals selling for $500 or more and their buyers follow:

Filbert Farms, A. H. & F. W. Paul Co., Germantown, Md.
Garwood Blythe B Lucy (5-57) $2,600
Garwood Ty Vic Daisy (9-57) ... 740
Robert J. Butz, Kankakee, Ill.
(M) Garwood Ivanhoe (10-60) .. 1,500
Irvin D. & Levi H. Weaver, Bath, N. Y. (2)
Fair Hill Grand Raven (11-55) .. 1,025
George Sterner, Bechtelsville, Pa. (3)
Garwood Tonitte Inka (12-55) .. 890
Garwood Regal Butter Girl Bess (1-58) ... 530
Titus L. King, Atglen, Pa.
Wislad Reburke Shirley (12-55) 860
Karl Harbaugh, Waynesboro, Pa. (4)
Monocacy Meadows Bluebell (12-55) ... 830
Md Hickory Hill Dilly (11-54) ... 600
Stanford T. Snook, Middleburg, Pa.
Mistress Perella Maraview (1-54) 780
Clarence Stauffer, Ephrata, Pa.
Garwood Leader Jane (1-57) ... 740
Helen & John Farrington, E. Stroudsburg, Pa.
Garwood Paragon Rebecca (1-56) ... 710
Joseph S. Bailey, Oxford, Pa.
Garwood Forward Mistress (2.58) ... 660
Jay N. Newcomer, Mt. Joy, Pa. (2)
Garwood Paragon Linda (1-57) ... 650
Robert A. Buyers, Graterford, Pa.
Garwood Regal Gold (12-57) ... 640
Garwood Rag Apple Myrtle (10-57) ... 620
Frank E. Lowry, Friedens, Pa.
Garwood Regal Fobes (1-57) ... 620
Garwood Regal Lora (1-57) ... 510
James F. Myer, Lititz, Pa.
Garwood Dean Pietje (7-57) ... 600
Gilbert P. Robery, W. Bridgewater, Mass.
Hickoryvale Admiral Sally (Twin 10-53) ... 580
John Farrington, E. Stroudsburg, Pa.
Ballard Farm Roxent (2-60) .. 580
Donald B. Duncan, Robesonia, Pa.
Jose Homestead Hartog (3-52) 500

GARWOOD BLYTHE B LUCY (EX at 3y)
$2600 top of the George A. Rutt, Garwood Farm Milking Herd Dispersal, March 30th. Purchased by A. H. and F. W. Paul, Filbert Farm, Germantown, Md. Contending bidder was Gordon Newton, Tatum, South Carolina.

Minnesota State Sale

CATALOG SUMMARY

35 Females 2y & Over (9 calves under 3 mos. s.w.d.)	**$18,245**	**$521.29**
	1,212	**134.72**
2 Bred Yearlings	**995**	**497.50**
2 Heifer Calves Over 3 mos.	**825**	**412.50**
4 Bulls over 3 mos.	**1,450**	**362.50**
43	**$22,727**	**$528.55**

The Minnesota State Sale was held March 25 at New Ulm, achieving the excellent average given above. State Secretary A. J. Lashbrook writes,

"We call it a good sale. A large crowd was present and bidding on every animal was spirited.

"The sale pavilion at New Ulm is a commodious affair, a fine brick building with ample room for livestock and a selling area at one end. It is heated, making it desirable for handling cattle during cold or unsettled weather, such as we have in March.

"Many former buyers at our state

(Please turn to page 88)

MANCRYCO FARMS Offer The FIRST CALVES From Our "MAPLE" Son

Texal Rich-Herd King

Among "King's" first calves to arrive are these two highly promising herd sire prospects:

1. Born March 17, 1961, from **ManCryCo Gallant Royal Nina,** 83-750F at 2y 2X; she is a lovely daughter of EX-SMT MCC Royal Duke out of MCC Gallant Nina, VG-86-731F as a Jr. 2-yr-old.

2. Born March 7, 1961, from **ManCryCo Chieftain Pabst Topsy,** with over 500F 4% at 2y 2X. She was 1st prize Jr. Yrlg. Heifer at District B & W Show, 2d at All-Iowa, and 3d at Iowa State Fair, 1959. Her sire is MCC Royal Chieftain (VG-GM Governor x EX-92-939 lb. Royal Rue); her dam, MCC Gov. Inka Chief VG-711F 2X (with a VG-843-lb. 2X maternal sister), is a granddaughter of "Talisman." She herself has a VG-87 maternal sister with 711F on 2X. Her baby son is a line-bred Rag Apple.

Write for further particulars on these young bulls.

TEXAL RICH-HERD KING

This well-bred two-year-old sire is by VG Bond Haven Rag Apple Maple from Texal Rich-Herd Katrina, a VG-86-4.1% 659-lb. 2X daughter of EX Lonelm Texal Highcroft. Thus "King" is a three-quarter brother to Texal Rich-Herd Lily, Carnation's superb A-A Aged Cow of 1959 and paternal brother, in fact, to three daughters of the famed Canadian "Maple" sire that were nominated in the A-A Aged Cow Class in 1960, including Pine Grange Inez, Res. A-A Aged Cow '59 & '60.

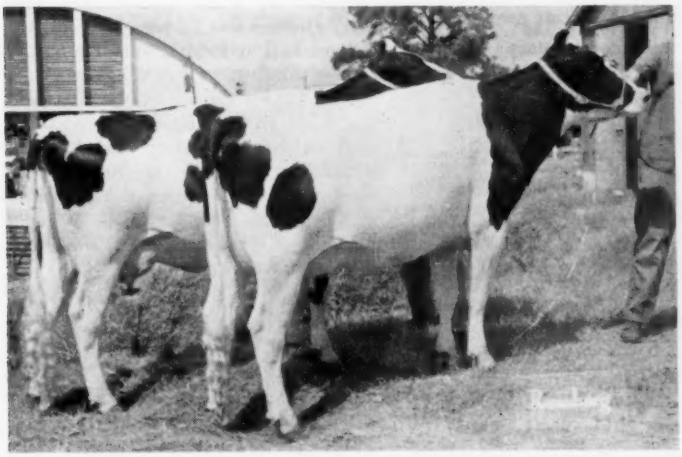
IOWA Rugged Holsteins

MANCRYCO FARMS

MANNING IOWA

Leo Bruck, Owner **Lester Dammann, Herdsman**

HIR
HERD AVERAGE:
13,276 M. —
3.8% — 508 F.



PRODUCE OF COEDMAWR INCO FRANLO
In 1960- first produce of dam at S. C. State Fair, N. C. State Fair and Dixie Classic, unbeaten. They are sired by Gray View Burke Bolo, a well proven son of the "Don" bull used at Gray View. Their dam has heifer records to 12,146 M. and 484 F. -2X.

← A PRETTY PLEASING PRODUCE

Nearest the camera, **Inka Burke Franlo Kay** 4898123 (twin)- she was fresh just prior to the late shows last fall and is producing about the same as her sister. She was 1st 2-yr. old at S. C., 2nd at N.C. and Dixie Classic, 2nd best udder at S. C. and Dixie. The other heifer, **Inka Burke Franlo Bea** 4898124 (Twin) has just finished with 516F- 15,040-M - 365d - 2X; she was 2nd 2-yr. old S. C. and 3rd at N. C. and Dixie. She is due in August to Gabbert Skokie Benefactor, son of 93 pt. Ex. cow. Kay is due early Sept. to Peel Lodge Pacemaker. Her last calf, a heifer, by Ruby Acres Ormsby Fobes, is a beautiful show heifer.

White Plains Farm

W. J. Greer, Owner — **Roger & Herman Gabbert, Managers**
Phone Hilltop 1-2683
Registered Polled Herefords — **Registered Holsteins**

MOUNTVILLE, SOUTH CAROLINA

TEXAS TALK

Another daughter of

S R D ADVANCER PRESIDENT 1241427 (VG-87)

S R D PRESIDENT AMY 4266534 (VG-86)

3-0	2X	305d	17,211	3.6%	627
3-0	2X	365d	19,326	3.7%	709

Calved back at 4y3m and has out in her 1st 149 ds. 10,264M 399 Fat.

Her dam's record at 3y0m 2X 293ds. 10,056 3.3% 331F. made under the same environment. These records are all actual production. This is a completely unrelated dam.

The "Presidents" are astounding!

NOTE

"President Amy" has a full brother born 9-12-60 for sale.

Visitors Always Welcome

S. R. Donaho Holstein Farm

Floresville, Texas

A 45 minute drive from San Antonio

MANAGER AVAILABLE

Seeking job as working farm manager, preferably in northeast, following dispersal of own herd. Available immediately. Cornell graduate, 42, lifetime experience with registered Holsteins. Graham School. Married, 5 children, oldest son excellent farm help. Good references.

BOX 867

H-F WORLD - Lacona, N. Y.

MINNESOTA (From page 86)

sales were present and bought again, and a number declared this offering was the best we have had in a long series of sales."

The $835 sale topper was consigned by F. W. Pehrson & Sons, St. Peter, and purchased by Leland E. Holder, Osakis. This was a fresh daughter of Lilac Valley King Dean with two good heifer records. Her heifer calf brought an additional $250.

Three females tied at $720 each. One of these was a 619-lb. cow with Chip of Nettie and Aaggie appearing as three of the four great-grandsires. She was consigned by Gust Kratzke and purchased by Earl Kratzke. The second was a Gypsie Master daughter consigned by Peterson & Jergens and purchased by Mills Brothers.

The third at $720 was the highest record cow in the sale, a Gypsie Ideal daughter with 19,001 lbs. milk, 801 lbs. fat 2X in 365 days at 6 years. Glenard Tessmer purchased her from Jergens Holstein Farm.

G. R. (Bob) Melin was sale director, working with auctioneers Harvey Swartz, Reuben Schwert, and Sonny Bartel. The sale was sponsored by the Minnesota Holstein Breeders Assn.

Buyers and purchases at $500 or over follow:

Leland E. Holder, Osakis, Minn. (4)
Johanna Burke Lilac Valley (1-57) $835
(Franklin W. Pehrson & Sons, St. Peter, Minn.)
Goldie Hannah Regal Expected (10-55) 550
(Walter F. Harguth, Maynard, Minn.)
Esmur Downs P D Ideal (12-57) .. 525
(Dr. H. E. Essex & Howard L. Heins, Rochester, Minn.)
Earl Kratzke, Cologne, Minn.
Dingley Dell May Caesar (4-54) .. 720
(Gust Kratzke, Cologne, Minn.)
Mills Brothers, Hutchinson, Minn.
Vanity Pearl (10-57) 720
(Omar Peterson & A. H. Jergens, Hutchinson, Minn.)
Green Notch Ormsby Royal Elsie (9-53) 635
(Lincoln Schroeder & Sons, Knollside Farm, Rochester, Minn.)
Glenard Tessmer, Rogers, Minn.
Shirley Rose (10-53) 720
(Jergens Holstein Farm, Hutchinson, Minn.)
Walter Houglie, Rush City, Minn.
Burke Sevens Yeoman Ruby (7-55) 700
(Axel Sallstrom, Winthrop, Minn.)
David O. Johnson, Litchfield, Minn.
Filco Raven Ann Bess (1-56) 610
(Filk Farms, Hutchinson, Minn.)
Ellenvale Mistress Best (10.55) ... 530
(Donald Sloan, Ellendale, Minn.)
Reuben Jutz, Gibbon, Minn. (2)
Esmur Downs P Belpearl Ideal (12-58) 575
(Dr. H. E. Essex & Howard L. Heins)
Lloyd E. Seitzer, St. Peter, Minn.
Seitzer Ormsby Beauty (8-56) 560
(Henry Bartel, Hastings, Minn.)
William Reimke, LeSueur, Minn.
Altura Fortune Hunter Prentice (8-55) 540
(Alvin Simon & Elmer Simon, Altura, Minn.)
Ardean Raven Joan (10-58) 510
(Arnold Hackett, Rice, Minn.)
Marion Woods, New Ulm, Minn.
Kashome Pontiac Duchess (10-58) $530
(Kenneth Kasper, & Sons, Medford, Minn.)
Harold L. Grambert, Osseo, Minn.
Ann Aaggie Edgewood Regal (11-55) 525
(Mills Bros., Hutchinson, Minn.)
H. W. Filk, Hutchinson, Minn.
Ben Min Ormsby Anthony Sue (3-59) 525
(Benton Rindahl, Barnesville, Minn.)
Edmund Deutsch, Jordan, Minn.
Sapa Ska Polly Invincible (1-59) 500
(Pa il G. Pierson, Lake Elmo, Minn.)
Gre dor Sky Rodel (9-58) 500
(George Lorenz, Wells, Minn.)
Harry J. Hooley, Stillwater, Minn.
Valley Home Follow Dean Greta (4-55) 500
(Joseph Madline, Stillwater, Minn.)
Harland Mechl, Rice, Minn.
Mueller G. Homestead Lucille (7-58) 500
(C. H. Mueller & Sons, Lewiston, Minn.)
Lowell Millenhaver & Sons, Claremont, Minn. (2)
May Ador Leader Triumph (10-58) 500
(Roland Courrier, Wells, Minn.)
Ralph H. Walker, Swea City, Iowa.
(M) Lachlawn Master Ace (6-60) 500
(Conrad J. Zehrer, Sauk Center, Minn.)

Fred Pabst Memorial Scholarship Sale

Wisconsin breeders and friends of the late Fred Pabst contributed a total of $9225 to a memorial scholarship fund through the medium of a donation sale on March 18. The sale of 41 donated heifers was held in the Darcey sale pavilion at Watertown, Wis. In addition, 18 cash donations were made to the scholarship fund, which will be set up in the agricultural college at University of Wisconsin.

Top price of the sale was $600, paid by Robert Paul Cretney, R. 3, Dodgeville, Wis. for Pabst Oliver Leawayne, donated by Pabst Farms, Inc. This bred heifer was a daughter of the Oliver bull at Pabst's, out of a 697-lb. 2-year-old daughter of Wis Leader.

Second high price was $510, paid by Glen M. Householder, Madison, for an open yearling daughter of Mooseheart Pioneer (twice All-American), out of a daughter of Wis Vanity (EX), one of the stars of the Wisconsin State Reformatory herd, who bred and consigned the heifer.

The sale was managed by Piper Bros., Watertown with Robert Koepp, Rice Lake, as auctioneer. Joe Darcey of the Darcey organization also assisted. Following is a list of the breeders who donated heifers for this sale: Pabst Farms, Inc., Oconomowoc, Wis., Wisconsin State Reformatory, Green Bay, Wis., Wm. A. Hayssen, Elkhart Lake, Wis., Elsmer F. Berg & Son, Brownsville, Wis., Dr. J. J. Gramling and C. J. Mikulice, Dousman, Wis., Richard C. Smithwick, Casco, Wis., George Weidman, Cedarburg, Wis., Sylvester Weiler, Oconomowoc, Wis., Floyd Jones, Bangor, Wis., Robert G. Hood, North Prairie, Wis., W. E. Looby, Bristol, Wis., Robert W. Weber, Merton, Wis., Herman Selz and Sons, Humbird, Wis., Harold W. Drae-

(please turn to page 90)

Our Skokie Great Ovation Son From Fair Hill Master Mary —

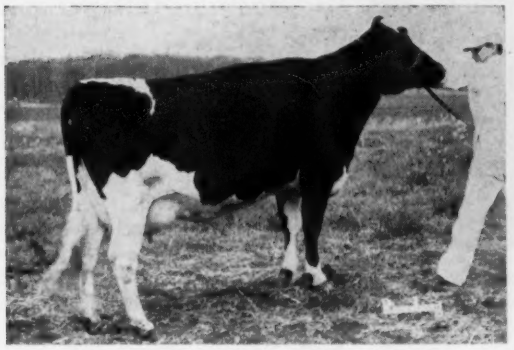
FAIR HILL OVATION (VG)

"A Straight Dunloggin-Bred Bull"

DUNLOGGIN BLOODLINE

Ovation, now 6y, was Grand Champion at Hagerstown & Bel Air Fairs, 1957.
His first dtrs. are very pleasing: 16 daus. ave. 14,231 3.75% 534 (2X-ME-305d); and 15 Cl. daus. actual ave. is 81.5 on 1st classification. Watch for more information on him soon.

TWO OF HIS FIRST DAUGHTERS TO FINISH THEIR RECORDS



FAIR HILL OVATION CATHY (GP-83)
2y 7m 365d 2X 16,498 M 574 F
Pictured in April, toward end of lact.

FAIR HILL OVATION IRENE (GP-82)
2y 314d 2X 10,039 M 3.9% 395 F
Pictured in April, toward end of lact.

EDWIN C. FRY

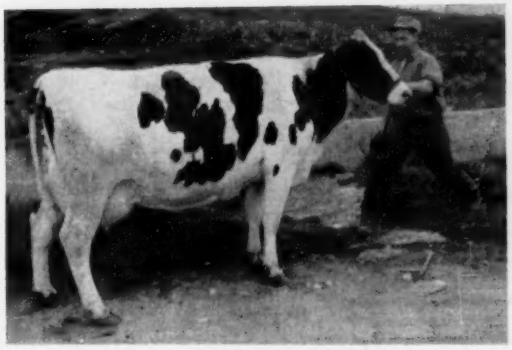
Owner

FAIR HILL FARM

CHESTERTOWN, MD.

Located on Route 213, two miles north of Chestertown, Md.

TWO HIGH SCORING YOUNG MOOKOWN RAG APPLES



GLENAFTON SYMBOL N BONHEUR (VG-89)
Excellent Mammary System
2y 1m 360d 2X 14,939 3.8% 568 HT
Excellent in DC, MS and Rump
In 1st 152ds. of current lact. has 10,990m & 402f.

"Bonnie" is by Rosafe Signet (EX) and is out of the Bonheur family at Glenafton.

Her dam is a Very Good dtr. of Centurion (EX) out of the Res. All-Canadian Glenafton Laurel Bonheur (EX), member of the Marksman six-cow Get with a million pounds of milk on the April 10 Cover.

A heifer 100% the same breeding as Bonnie (by Signet out of the twin to Bonnie's dam) topped the 1960 Sale of Stars at $3400.

Bonnie's latest calf is a nice Magician heifer (3 close crosses to Nettie).

Bonnie is at Bob Groff's, Pa., where her son is in service.

Ten of Bonnie's 14 nearest ancestors are Excellent, the other four VG.

SHAMROCK ELSA VON FREEBAER (VG-88 at 2y)
VG Mammary System, Fore and Rear
1st 219ds. at 2½y has 12,960M 449F.
Had 55.4 lbs. 3.8% milk for tester in May.
Due back in less than a year.

Elsa promises to be one of the better daughters of her great sire, ABC Reflection Sovereign (EX and Extra). Her development and performance to date, since purchased at the Diamond Jubilee Convention Sale, leave little to be desired.

Her dam is a 629-lb. GP cow by a son of Sovereign that is out of a 711-lb. VG granddtr. of Pathfinder.

Her granddam is Freebaer Lady Keeno Babette (VG) twice over 840f on 2X, 104,767M, life; and 3rd 4-yr-old ESE, 1954.

Elsa is at the Nairns', Douglassville, Pa.

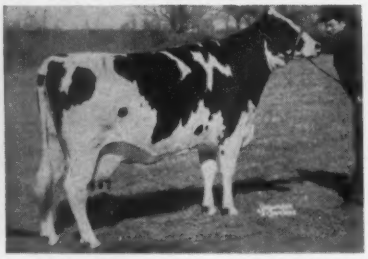
She is bred to Lakefield Fond Hope (EX-SMT).

Our April Classification -
1 EX - 6 VG - 5 GP - 2 G; 14 Avg. 84.43 points.

Robert M. McKown **Sandy Creek, N. Y.**

Two Over 1100 Fat 2X
Another Twice Over 1000
And All Three Are Homebred

TOPS HONEYMAN PRIDE DOT (VG)
4y8m 365d 2X 30,235 3.8 1139
National Milk Record In Class First in New England For Fat.
3y6m 365d 2X 23,283 3.5 812
2y3m 365d 2X 16,445 3.8 623
Milked to 131 lbs. per day 2X.
Exceeded 100 lbs. per day for 97 consecutive days.
Over 70,000 lbs. milk in her first 3 lactations.



TOPS COMMANDER ALICE (VG)
5y8m 365d 2X 23,310 5.0 1172
Conn. State Record Over All Ages when made.
4y6m 363d 2X 17,405 4.4 762
3y5m 346d 2X 14,646 4.4 639
2y4m 351d 2X 11,422 4.5 516
HER CURRENT LACTATION- NOW NEARING COMPLETION - IS EXPECTED TO EXCEED 1000 lbs. FAT. 2X.

Tops Tovarich R A Georgia (VG)

8y 1m	365d	2X	26,159	4.0	1051
9y 3m	365d	2X	25,546	4.0	1027
6y 6m	365d	2X	21,862	4.1	889
5y 2m	365d	2X	17,450	3.6	634
2y10m	365d	2X	16,046	3.6	576
4y 2m	303d	2X	15,336	3.5	542

Now completing a 10 year old lactation, with a life production to date of approximately 140,000.

These three are all bred at Toplands, all developed at Toplands, all still in the herd. They are all Classified Very Good and represent the combination of type and high production we are striving for— big, rugged cows that can work and wear year after year.

These are being mated with our All-New England 2 year old Senior Sire Tum-A-Lum Woody Mistery, son of Tum-A-Lum Ivanhoe Misty (EX).

TOPLANDS
HOME OF THE TOPS
ROXBURY, CONN.

A. RICHARD DIEBOLD, Owner — Phone ELGIN 4-6182
Wilson Litchfield, Manager — Robert Lowe, Herdsman

Holstein

Sale Catalogs

Six Styles to Choose From
Accurate, Up-To-Date, 3- or 4-Generation Pedigrees
Quality Printing

NATIONAL PEDIGREE COMPANY

Don A. Stouffer, Owner
Waukesha, Wis. — P. O. Box 468 — Tel. Liberty 7-3180

PABST (From page 88)
ger, Fort Atkinson, Wis., Krull Bros., Lake Mills, Wis., Thomas J. Harvey & Son, Hazel Green, Wis., Morris Brothers, Oconomowoc, Wis., Flad Farm, Stoughton, Wis., Peebles Brothers, Oconomowoc, Wis., Elmer Zimmerman, Fort Atkinson, Wis., Harry Dix, Menomonie, Wis., Francis Darcey and Sons, Watertown, Wis., Robert A. Bird, Brownsville, Wis., Owen J. Pritchard, Ixonia, Wis., Richard Hurtgen, Pewaukee, Wis., John Wuethrich, Greenwood, Wis., Carl & David Norrbom, Wittenberg, Wis., Borgwardt Bros., Valders, Wis., Lloyd G. Ownes, Oconomowoc, Wis., Fred & Ralph C. Miller, LaCrosse, Wis., Percy Wendt, Watertown, Wis., Piper Bros., Watertown Wis., Hubert Horn, Greenwood, Wis., Ward Brothers, Fort Atkinson, Wis., Louis Wojthiewicz, Thorp, Wis., George Kieffer, Auburndale, Wis., Roger Sherman, Wilmot, Wis., Harvey A. Nelson & Sons, Union Grove, Wis., Clausen Bros., Kenosha, Wis., Wallace Bayley, Waterford, Wis., Willard Nehls, Juneau, Wis.

These individuals and organizations are listed as donors, through the sale: Holstein-Friesian WORLD, Hoard's Dairyman, Charles Brace, Lone Rock; John McNeil, Rice Lake; Robert Koepp, Rice Lake; Dodge County Holstein Breeders, Piper Bros., Watertown; Paul Sedor, Watertown; Gelbke Bros., Cottage Grove; Fred Molitor, Poskin; Mrs. A. J. Glover, Fort Atkinson; A. V. Cull, Pewaukee, Wis.; Sylvester Weiler, Oconomowoc; Elmer Zimmerman, Fort Atkinson; A. D. Braun, Oconomowoc; Knauf & Tesch Co., Chilton; Prof. George Werner, Madison; Prof. E. E. Heizer, Madison.

Oregon State Sale

CATALOG SUMMARY

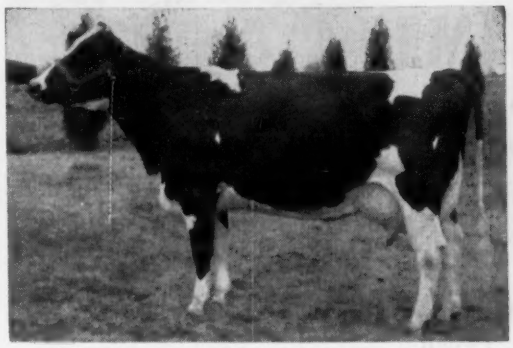
29 Females 2y & Over	$12,235	$421.90
2 Bred Yearlings	795	397.50
3 Open Yearlings	895	298.33
10 Heifer Calves Over 3 mos.	2,060	206.00
1 Bull Over 3 mos.	200	200.00
45	$16,185	$359.66

While the 1961 Oregon State Sale consisted of a high percentage of bred heifers and young cows, it was a 6-year-old that brought the high price of the day. The sale was held at Hillsboro on March 20 under the management of R. E. Everly, Seattle, Wash., with A. W. Lindow, chairman of the committee, and auctioneer Bob Stanley, Paramount, Calif., wielding the gavel.

The $700 headliner was CHA Wis Rita 4065750 (VG-87), a daughter of Wis Touchdown consigned by J. C.

(Please turn to page 92)

Cherry
Raised to Excellent-91



VALERIA CHERRYDALE LUCIFER (EX-91)

5½y	330d	2X	17,062	4.3%	739	(HT-SA)
4½y	288d	2X	14,124	4.1%	573	HT
3½y	300d	2X	12,069	4.0%	483	HT
2½y	329d	2X	11,954	4.0%	482	HT

Her lact. to date: 131ds. 10,343M 431F; headed for a real record this time.

Cherry, a Lucifer dtr., gave us twin daughters by Reflector to start her current outstanding record in progress.

She is bred to the popular Wis Ideal Crusader, Gold Medal son of Wis Ideal (EX-GM).

Results of our recent classification -
2X 10 VG 24 GP 5 G

None lower than 78 points. **Avg. score on 41 head is 82.75!**

SWAMPY HOLLOW FARM

John M. Umble R. D. 1, Atglen, Pa.

For Sale —

8 Daughters Of

HICKORY CREEK SPARTAN PRINCE EX - SMT

Also one daughter of
Piper View Strathmore Pabst No. 1116198

These heifers are 21 months to 31 months of age:

—1 due in June
—2 due in July
—4 due in September
—2 recently bred

Piper Brothers' stud sires used—
Seven of the heifers from DHIA tested dams up to 513 fat

(This completes the disposition of our registered Holsteins in our change to fruit farming as we desire to rearrange the barn for storage purposes).

*** WRITE OR COME AND SEE ***

FREDERICK M. GYGAX

WAUKESHA Rt. 2 Box 188 WISCONSIN

★ **TWO SONS OF**
Osborndale Ivanhoe

OSBORNDALE IVANHOE
Very Good - Gold Medal
Sold for $15,000 to SEPA. 21 dtrs. avg. 16,289 M 3.8% 624 F. 19 Class. Dtrs. avg. 84.2. Son topped 1960 Nat. Conv. Sale at $10,000. Sire of two A. A. Nominations, 1959.

★ No. 1 - Born Sept. 1, 1960 - a very nice calf. His dam: **Hartsbrook Regal Jemima 4224307** - she has a 2-yr. old record of 12,355M 4.2% 516 fat and is making another nice record this year as a 3-yr. old.

★ No. 2 - Born Sept. 20, 1960, about ¾ black. His dam: **Hartsbrook Regal Nettie (VG)** a daughter of Pabst Regal, her records to 17,136M 4.2% 712 F. And her lifetime record, 100,000 lbs. milk, 4,100 fat.

COME AND SEE THESE NICE SONS OF "IVANHOE"

HARTSBROOK FARM

OSBORNE C. WEST HADLEY, MASS.

SIZE

WITH DAIRY CHARACTER

Everyone's looking for it.

We HAVE it.

It's for sale.

Herd sire prospects, choice home-bred heifers of show calibre, good records, high classification scores.

Write us if interested.

BROOK LANE *Holsteins*

CRESCENT BEAUTY-ADMIRALS SINCE 1942

HARRY MARKS Phone 60R19 Gilmanton MONDOVI, WIS.

MAVIEW DOUBLE TOGUS DIRECT
(Excellent-92)
(Owned jointly with Kenneth Henry, Ogdensburg, N. Y.) "Doby's" dtrs. now producing sensationally in Mr. Henry's herd.

Our Senior Herd Sire
and His
FAMOUS
200,000-lb. "EX" Dam

NOTE: We can offer several top sons of "Doby" from high producing dams. . . . Write us.

EMERY FARM ORMSBY COLANTHA
(Excellent)

5y	2X	365d	26,090	3.9%	1015
6y	2X	348d	23,802	4.2%	998
7y	2X	365d	26,038	3.8%	993
9y	2X	365d	25,941	3.7%	958
8y	2X	365d	23,251	3.6%	847

Over 200,000 lbs. to date - 1 dtr. (89) with close to 800 lbs. F.

MAPLE VIEW FARMS

TEL. - S-3205 CRESTWOOD
Corinna, Maine

Fred J. Nutter **Robert Nutter**

OREGON (From page 90)
Schmauder, Davenport, Wash., and taken by Dwight Johnson, Battle Ground, Wash. As shown by her picture, she is quite a flashy individual.

Next in price at $675 was Grainview Taylaker Polly, a Taylaker Prospect daughter also consigned by Mr. Schmauder. Her purchaser was Ivan Matteson, Gaston, Ore.

There were no heifer calves under 3 months of age to give a boost to the sale average, but each category sold well.

Buyers and their selections at $500 or over follow:

Claude Johnson, Battle Ground, Wash.
CHA Wis Rita (3-55) $700
(J. C. Schmauder, Davenport, Wash.)
Ivan Matteson, Gaston, Ore.
Grainview Taylaker Polly (3-58) . 675
(J. C. Schmauder)
Bishop Brothers, Chimacum, Wash.
Kooistra Perfection Pathfinder (6-55) 575
(Harry Peterson, Fall City, Wash.)
Dan Sprogue, Hillsboro, Ore.
Ridgeport Ada Belle (11-58) 535
(Ridgeport Farms, Vancouver, Wash.)
B. V. Warner, Ridgefield, Wash. (2)
Grainview Empress Hazel (8-58) 500
(J. C. Schmauder)

At a zoo a man meditated by the camel. He picked up a straw, placed it on the camel's back and waited. Nothing happened.

"Wrong straw," he muttered as he crept away.

Beckman Bros. Dispersal

CATALOG SUMMARY

33	**Females 2y & Over (10 calves under 3 mos. s.w.d.)**	$19,290	$584.55
9	**Bred Yearlings**	4,320	480.00
8	**Open Yearlings**	3,165	395.63
15	**Heifer Calves Over 3 mos.**	5,745	383.00
1	**Bull over 3 mos.**	485	485.00
66		$35,225	$529.46

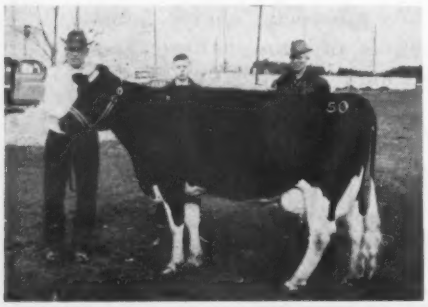
A 2-yr-old Carnation Profile (EX-GM) daughter at $1300 sold to Adelfis Casellas, Mexico, to head the list at the excellent Beckman Brothers Dispersal held at Genoa City, Wis., February 11. This sale in which 66 head average $529.46 was managed by Wm. H. (Pat) Williams, Batavia, and A. C. (Whitie) Thomson, Burlington, Ill.

Wilbur Spesard, Ridgefarm, Ill., took two of the good ones at $1000 and $900. His 1000 purchase was another Profile daughter, this one from a 529-lb. daughter of Roburke and the 999-lb. Arbeth Star Dust Dora Fanny. Her calf by a Burkgov son brought an additional $260. His $900 selection was a 530-lb. 2-yr-old by Anthony Rockwood Rocket (EX-92-GM) from a dam with records to 21,826 milk, 814 fat.

Others among the tops were the Burkgov Inka De Kol daughter that went at $885 to the Corporation of New Melleray, Dubuque, Iowa; and the $810 568-lb. 2-yr-old Roburke daughter sold to Ken Katzman & Son, Elkhorn, Wis.

The 31 head selling for $500 or better are listed with their purchasers:

Adelfis Casellas, Mexico, D. F., Mexico
Black Lady Profile Comet (12-58) $1300
Wilbur Spesard, Ridgefarm, Ill.
Galaxy Profile Roburke (11-58) . 1000
Mabel Hello Rocket (10-57) 900
Corporation of New Melleray, Dubuque, Iowa (5)
Eliza R A De Kol (4-59) 885
Chloe R A Profile (5-60) 500
Ken Katzman & Son, Elkhorn, Wis.
Gay Viscount Roburke (10-56) 810
Clyde Wagner & Son, Livingston, Wis.
Carlotta Roburke Ormsby (1-59) 750
Hartwig Princess Homestead (4-56) 725
Amy Hassie Viscount Challenger (9-59) 560
Snowball R A Viscount (11-56) .. 550
Nita Roburke Plebe (3-57) 540
Happy Viscount Roburke (9-55) 510
Gust Tesch, Burlington, Wis.
Eva R A Foreteller (1-57) 725
Tesch Brothers, Burlington, Wis.
Pride Star Dust Viscount (10-55) 700
Ivan Hill, Crystal Lake, Ill.
Dolly Leader Fobes (8-57) 675
Daniel T. Roberts, Fennimore, Wis.
Debbie Plebe Rocket (11-57) 625
Robert Miller, Marengo, Ill.
West-Villa Hello Dorothy (2-51) 610
Jack Rehorst, Richmond, Ill.
Joy Star Dust Roburke (11-56) .. 610
Elwood Hull, Red Oak, Ill.
Princess Vincentville Crescent (10-56) 590
Hilda R A Viscount (12-53) 520
Willard Madares, Burlington, Wis.
Rose Viscount Invincible (3-56) . 585
Rosalie Viscount Foreteller (5-57) 500
Daniel T. & Norma M. Roberts, Fennimore, Wis. (3)
Val Hello Burke 575
Russell Mott, Bristol, Wis.
Pansy R A Viscount (2-54) 550
Grace Roney, Grayslake, Ill.
Ruth Roburke Comet (9-56) 550
Arthur J. Bauman, Burlington, Wis. (3)
Wal-Lyn Plum Anthony Bunnie (4-56) 530
Anna Chieftain Pabst (7-57) 500
Edgar & Eunice Stowell, Russell, Ill. (3)
Kitty Viscount Burke (5-59) 510
Robert Jones, Lake Geneva, Wis. (3)
Flora R A Profile (Twin 2-60) 500
Flossie R A Profile (Twin 2-60) 500
Roger F. Sherman, Wilmot, Wis.
Handsome Rag Apple Plebe (8-52) 500



CHA WIS RITA 4065750 (VG-87)
Sold for $700 in the Oregon State Sale. At the halter is her consignor, J. C. Schmauder, Davenport, Wash.; with buyer Dwight Johnson, Battle Ground Wash., next; and Alton Johnson at right.

WISCONSIN BREEDERS EVENING PREMIUM SALE

= 7:30 P. M. =

Saturday June 3 = Watertown, Wisconsin

(at the Darcy Sales Arena located 7 miles north of Watertown on Rt. 26)

75 Head of Registered Holsteins

— DTRS. SELLING —

WIS LEADER (EX-GM)
One of the breed's most popular sires.

Among The Consignors:

From Premium Farms, Fall River, Wis.: A 2 year old daughter of Vigo Leader Comet (Proven son of Wis Leader) from a twice over 740-lb. fat dam. This heifer is due in June to the 947-lb. fat sire, Bo-Cann Harvest Fable.

Consigned by H. Dean McDonald & Sons, Watertown, Wis. A 2 year old granddaughter of Weber Hazelwood Burke Raven from a 535-lb. fat 4 year old. Second dam has 873 lbs. fat. This heifer is due in July.

From W. E. Looby, Bristol, Wis. Two bred heifers due in July, one a daughter of proven sire Master Challenger Bonnie Place from a 435-lb. fat 2 year old daughter of Hickory Creek Golden Prince. Maternal granddam has over 700 lbs. fat at 4 years.

The Milwaukee County House of Correction, Hales Corners, Wis., are sending eight top heifers of breeding age, selling open. The records on the dams of these heifers range from 435 lbs. fat to 574 lbs. fat. (One of these is a daughter of Wis Captain.)

From Burton Williams, Watertown, Wis., a daughter of Polytechnic Governor Piebe from a 502-lb. fat dam. She is due in August with her 1st calf to High Meadow Master Dean SMT.

From Walter Lange, Watertown, Wis., a yearling son of Lange Re Charity G.M. from a VG-89 point daughter of Pabst Roamer. She had 578 lbs. fat at 2 years with a 3.9% test. Second dam has 538 lbs. fat. Also a daughter of Wis Leader from a 561-lb. fat 2 year old classified VG. Second dam is VG with over 975 lbs. fat with a 4.2% test.

Archambault Farms, sending a pair of heifers from a dam with over 600 lbs. fat.

— DTRS. SELLING —

WIS CAPTAIN (EX-GM)

Daughters of the following bulls will sell in the sale: Wis Leader, Wis Captain, Carnation Celebrity, Wis Burke Model, Notre Dame Leader, Johanna Canary Pabst and Brigeen Golden Foremost.

Among other consignors are: Dr. Pape, Darien, Wis.; Fred Miller, La Crosse, Wis.; Walter Lange, Watertown, Wis.; Henry Richter, Union Grove, Wis.; Gerhard Nicolaus, Adell, Wis., Ben Dibble, Delavan, Wis., George Clausen, Hiawatha Farm, Henry Richter.

"Financing Available"

Francis Darcey & Sons

SALE MANAGERS

WATERTOWN, WISCONSIN

The Illinois Spring Sale

By Robert B. Howard

CATALOG SUMMARY

43 Females 2y & Over (2 calves under 3 mos. s.w.d.)	$22,130	$514.65
3 Bred Yearlings	1,440	480.00
1 Open Yearling	400	400.00
47	$24,205	$515.00

The Illinois Holstein breeders are to be commended on the excellent job done in presenting their cattle for the Illinois Spring Sale held April 8th at Highland. Their cooperation with the sale committee in allowing top selections from their herds afforded one of the best groups ever offered in a Spring Sale. Much comment was made on the uniformity and tremendous strength of these heifers, backed by the very best of production in their solid pedigrees. In describing this fine offering of young cattle, Dr. W. W. Yapp of the University of Illinois Dairy Science Department, in his type demonstration prior to the sale, stated that this was a most powerful group of young cattle.

The personal promotion of the breeders through advertising and being at the sale was rewarded by a sale average of $515. Twenty-three of the total offering of 47 head sold from $500 to $1275. Thirteen head went to out of state buyers from Missouri and Georgia.

The top animal at $1275 was a fresh two-year-old consigned by W. C. McFadden and Son of Apple River, Illinois, purchased by William Hartke, Jr. of Litchfield, Illinois. The top bred heifer at $800 was consigned by Ralph Muller and Sons of Washington, Illinois, purchased by John Bunge, New Haven, Missouri. The 11 cows, 2 years and over, averaged $599; 16 spring freshening heifers averaged $510; 19 fall freshening heifers averaged $474. This Spring Sale will rank high among other spring sales for this year.

The sale committee wishes to thank the breeders for their cooperation in the spring sale and are now looking ahead to an equally successful fall "Harvest of Stars" sale on October 28th.

Buyers and purchases at $500 or over follow:

William L. Hartke, Jr., Litchfield, Ill. (2)
Duchess Regal Admiral Burke (10.58) $1275
(W. C. McFadden & Son, Apple River, Ill.)
John L. Bunge, New Haven, Mo. (3)
Pleasantland Mistress Joanne (3-59) 800
(Ralph A. Muller & Sons, Pleasantland Farms, Washington, Ill.)
Grayslake Rosette (3-59) 610
(Grayslake Gelatin Co. Farms, Grayslake, Ill.)
Walter Unverfehrt, Hoyleton, Ill. (4)
Anthony Rocket Edna (3-56) 735
(Alfred E. Meyer, Aljoan Farms, Amboy, Ill.)
Don-Ro Admiral Ricka (12-53) 515
(Harold Jepson, Dundee, Ill.)
John Platz, Sigel, Ill.
Belle Fay Burke Star (11-58) 710
(E. L. McCracken, Amboy, Ill.)
Clyde Lebegue, Highland, Ill.
Kiltz Mercedes Symbol (12-58) 675
(John B. Emery, Woodstock, Ill.)
William Horstmann, Breese, Ill.
Kam Lake Chief Indigo (11-58) 670
(Karl A. Meyer, Kam Lake Farm, Gilman, Ill.)
William Scheive, Jr., Waterloo, Ill.
Maplewood Lane Evelyn (10-54) 615
(Truman & Allene Pocklington, Maplewood Lane Farm, Shipman, Ill.)
Patrick Murphy, Chenoa, Ill.
Whitill Burke Kate (9-58) 600
(E. H. & Don Ellingson, White Hill Farm, Poplar Grove, Ill.
Marcellus Hartman, Waterloo, Ill.
S Creek Crescent Jule Cathy (2-57) 590
(Joy Stauffenberg, "S" Creek Farm, Manteno, Ill.)
George Janssen, Dittmer, Missouri, (9)
Butzridge Merry Prospect (8-59) 570
(Robert J. Butz, Butzridge Farm, Kankakee, Ill.)
Mooseheart Model Ella (3-59) 560
(Ginther Wilharm, Elgin, Ill.)
Ravendale Golden Chief Anna (2-59) 520
Southern Illinois University, Carbondale, Ill.
Sandhurst Challenger Cameo (2-59) 570
(Henry M. Ward & Clyde S. Smith, Rock Fall, Ill.)
John H. Wehrly, Kane, Illinois, (2)
Sandhurst Challenger Bessie (6-58) 560
(Henry M. Ward & Clyde S. Smith)
George Pfeiffer, Kankakee, Ill.
Kiltz Veeman Ty Vic Symbol (3-59) 550
(John B. Emery, Woodstock, Ill.)

(please turn to page 96)

The Million — Pounders

Since this picture appeared on the World cover, February 28, 1959, several other breeders have equalled or surpassed the million-pound performance of these cows — and we congratulate them.

For three years we have had the top HIR herd average in Wisconsin. Our breeding program is based solidly on cow families that have produced six Gold Medal Dams for us since the fall of 1957.

Write for our current bull list.

BARTLETT FARM

Rt. 5 — Oshkosh, Wis.

We are *Rolling Out The Red Carpet* early in June to those traveling to and returning from the NATIONAL CONVENTION

STOP and SEE THE BULLS and OUR FACILITIES

We are located 10 miles west of downtown Columbus and two miles north of U. S. 40 on the Alton - Darby Road.

CARNATION CEDRIC INSPIRATION, VG - GM
MEADOW SPRINGS FOLLOW ON LAIRD, VG - GM
PABST REBURKE DUKE, GP - GM
ROLLING KNOLL GOLDEN STROKE, VG - GM
RAG APPLE SOVEREIGN TEXAL, VG-GM
ECRASO BURKE DONALD, VG-GM
SHANGHIGH EXEC TRITOMIA DON, EX.
ATBITH TY VIC KING JASON, VG-SMP
CLYDE HILL QUINO KING FOBES, VG - SMT
SVF MARIO VAR DUTCHLAND, GP
APPALACHIAN LAUXMONT COLANTHUS, GP
FRAN WILL ADMIRAL LUCIFER, GP
ADMIRAL COMET 21st, EX - GM
WEBER ADMIRAL BURKE SEGIS LAD, VG-GM
KAYTEE JOAT, EX.
RAVENGLEN TRIUNE SKIPPER (Project Sire)
COUNCIL ROCK WORTHY AUTOCRAT (Project Sire)

MAKE YOUR TRAVEL PLANS NOW, SCHEDULING A STOP AT THE CENTRAL OHIO BREEDING ASSOCIATION

COBA PHONE Trinity 8-5333 SELECT SIRES

CENTRAL OHIO BREEDING ASS'N., 1224 ALTON-DARBY RD., COLUMBUS 4, OHIO

955 Fat On 2X And Due Right Back

CORNELL GREAT CLAUSETTE (GP-83)

6-3	330d	2X	23,095 M	4.14%	955 F
5-2	340d	2X	17,150 M	4.5%	769 F
5y	294d	2X	12,700 M	3.88%	493 F
3y	302d	2X	12,530 M	3.9%	487 F

CLAUSETTE is a daughter of the Cornell-Winterthur herd sire, WINTERTHUR ZEUS FOBES GREAT (GP-GM), top proven son of Pabst Winterthur Zeus from Winterthur Fobes Posch Great Dad XX (EX-GMD).

CLAUSETTE'S dam is a 602-lb. daughter of Sir Valentine Belmont Burke from Cornell Governor Claudetta (VG-601f). Third maternal dam is Cornell Blend Claudet (VG-704f). This is a great maternal line.

CLAUSETTE made her 955 lb. record in 330 days and is due back within the year.

Doreigh Farms **Fred N. Dorn, North Chatham, N. Y.**

ILLINOIS (From page 94)

William L. Tracy, Jerseyville, Ill.
Fessler Crescent Victoria (1-55) 535
(Joseph & Edwin Fessler, Dow, Ill.)
Richard Hall, Loami, Ill.
Lor.Mar Fashion Dessa (2-59) .. 510
(Loren R. Hoge, Lor-Mar Farm, Harmon, Ill.)
Teddy Joe Pyatt, Pinckneyville, Ill.
Pine Nook Raven Ilsa (12-58) ... 510
(Clyde Curtiss, Caledonia, Ill.)
James S. Richter, Highland, Ill. (2)
Winmoor Roburke Yankee (8-56) 510
(William L. Tracy, Jerseyville, Ill.)
Edward Krausz, New Memphis, Ill.
Moo Meadows Dan Skokie (10-58) 505
(Moo Meadows Farm, Woodstock, Ill.)
James Butler, Jr., Chebanse, Ill.
Green Pastures Raven Boon (12-58) 500
(Boggs & Lindgren, Green Pastures Farm, Algonquin, Ill.)

"My husband is certainly easy on his clothes," said Mrs. McTwist. "He bought a hat twenty years ago, had it cleaned twice and exchanged it seven times in restaurants, and it still looks as good as new."

$3,300 High At The George Kieffer Dispersal

CATALOG SUMMARY

67 Females 2y & Over (21 calves under 3 mos. s.w.d.)	$33,940	$5,065.67
3 Bred Yearlings	1,010	336.66
7 Open Yearlings	2,910	415.71
5 Heifer Calves Over 3 mos.	1,210	242.00
82	$42,050	$512.80

The George Kieffer Dispersal at Auburndale, Wis., on April 3 met with excellent breeder acceptance and achieved the fine average of $512.80 on 82 head. The sale was managed by Piper Brothers, Watertown, and Harold Christensen, Abbotsford, Wis., with Al Piper on announcements and auctioneers Harvey Swartz, Bob Koepp and Christensen.

A real 4-year-old was one of the features, selling for $3300 to Joseph & Verna Pape, Sharon, Wis. Heinzens Hill Pine Breeze Vera 4315954 (VG-89)—the $3300 cow—made 17,369 milk, 626 fat as a 2X 2-yr-old and was working on another high record. She is by Admiral Comet (EX-GM), the son of Pabst Comet and Klazerina Della. She was fresh in January and her calf brought an additional $135.

Two other animals reached the four-figure price bracket and 23 sold from $500 to $875. At $1475 J. R. Simpson, Butler, Pa., took Ormsby Carnation Magic Sue 4175970 (VG-87), a 517-lb. 4-yr-old daughter of Carnation Willowdale Magic (EX-SMT). At $1000 Admiral Marathon Direct 444-9444, a granddaughter of Pathway Ormsby Prince (VG-SMP), went to Richard Knutson, Fall Creek, Wis., and her January calf sold for

(please turn to page 118)

A Reminder

ONE OF THE TOP SALE EVENTS OF 1961

DISPERSAL OF THE PABST-KNUTSON UNIT OF PABST FARMS INC.

Selling: 100 head - 15 Excellent cows - 4 Excellent cows over 1000 lbs. fat - 28 VG cows - 42 records ave. 19,093 M 3.75% 716 F. Ave. Cl. score of herd - 87.5
52 descendants of Wis Leader selling.

For catalog send $1.00 to -

Piper Bros., Sale Mgrs., Watertown, Wis.

Pabst-Knutson

DISPERSAL

SATURDAY

JUNE 3

At OCONOMOWOC, WISCONSIN

"NINA" is our FAVORITE

Her dam is Gold Medal Rustic Ideal Nina (VG)

RUSTIC MUTUAL NINA (EX-91)
6y10m 22,460 M 4.0% 891 F. 2X
(5 records over 20,000 milk and 800 Fat)

—A daughter: Rustic Clyde Hill Nin (EX)
2y4m 293d 15,945 M 3.9% 622 F.
—A son: Rustic King Commander (GP)
(Achieved Silver Medal Type sire Rating on AI work)
AI Ave. 113 dtrs. 12,520 M 3.7% 469 F.
79 Farms

ORDER A SON FROM
THIS STRONG FAMILY

RUSTIC HERD

George Robb **Fowlerville, Mich.**

TB Accredited & Bang's Certified

Prog. Breeder- 8 yrs.

Our 1960 HIR Lactation Average:
76 Lactations
15,137 Lbs. Milk
And
541 Lbs. Fat

The Progressive Breeders Award For 1960

● **We are offering heifers up to ten months of age sired by "Raven Burke Ideal" (EX-GM), Rosafe Magician (EX-GM) and other top NOBA sires. If interested, visit our farm during Convention Week.**

Classified T. B. Certified **HIR Testing Bang's Accredited**

H. B. Owen & Son

HOMERVILLE **OHIO**

Phone: Homerville 2462

DRUMMER EX-91

GLENAFTON DRUMMER (EX-91)
(First classification)
Grand Champion at 1960 Pa. B & W Show and Res. Grand at NYSF as a sr. yrlg. in 1959.
Class. April 12, by R. Strickler

Drummer is by Rosafe Signet (EX) and out of Glenafton Holly Patsy (VG) with three 1000-lb. recs. and another in the making.

We now have 3 EX and 6 VG bulls. The other new Excellent, Penstate Ollie Josie Joe, son of Ceydermead Ollie Chieftain from Penstate Inka Veeman Josie (VG-87-170,167M, to date).

Drummer and many other of our sires' frozen semen available through Soligenics, Box 101, Suffield, Conn. 9 amps. $50; 50 amps. $125; 100 ampules $200.

DAIRY HERD IMPROVEMENT CENTER
LEHIGH VALLEY COOPERATIVE FARMERS

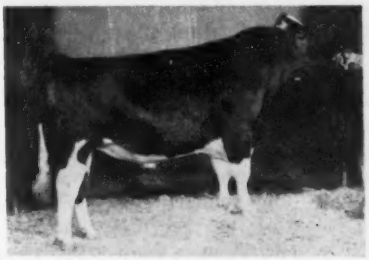
ALLENTOWN, R. D. 1, PENNA
Phone ALLENTOWN: HEMLOCK 3-7575

LIME ROCK
Dunloggins

DUNLOGGIN BLOODLINE

Line-Bred For Generations

LAST ONE DOING A GREAT JOB FOR US



LIME ROCK LAST ONE (VG)
Son of former herd sire, Greenwood Tidy Ovation (VG-87-SMT). "EX" and "VG" full sisters in the herd - they were All-Pa. Produce, 1956.

Last One now has 12 milking daughters doing well with nice udders and good test! His first five classified daughters are 1 VG, 2 GP and 2 G. Two of his first group of 2-yr-old dtrs. have made over 600 lbs. fat.
Our Latest DHIA Average -
43 Head 13,766 Milk and 547 Fat
(All home-bred)
Our Latest Classification Avg. Score is 83.85 pts.

We have a few choice Dunloggin-bred young bulls for sale.

Lime Rock Farm

Hubert S. Miller & Son **Myerstown, Pa.**

BARR (From page 24)

His 11 cows posted an average production of 12,611 lbs. milk and 489 lbs. fat on HIR last year.

Three of the 11 are classified "Very Good," the others are "Good Plus."

In the process of building his herd, Barr has acquired broad experience in virtually all phases of dairy cattle breeding and management.

To date, he has conducted 16 demonstrations of approved practices in such closely related fields as fitting, showing, hoof trimming, clipping and farm ponds.

He has also completed projects in corn, hogs, beef cattle, poultry, bee keeping, electricity, forestry and Junior Leadership and taken active part in a wide range of school activities.

A Vo-Ag student during his days at State College High, Barr received the Keystone Farmer Degree from the Future Farmers of America and earned a $100 award for "Improving Agriculture and Leadership in the Eastern States."

He was high individual dairy cattle judge in an FFA-sponsored contest at the Eastern States Exposition in 1959 and last year received a gold medal emblematic of the top FFA dairy record book in Pennsylvania.

An enthusiastic exhibitor at leading shows throughout the area, Barr was champion 4-H showman at the Pennsylvania Farm Show in 1957. In 1959, he captured the paralleling honor in the show's FFA division.

In 1958, he was named State Champion Holstein Boy by the Pennsylvania Holstein Association. He was a finalist in last year's national championship competition while taking first place in dairy record-keeping.

Despite the growing demands of his own projects and work on the family farm, Barr also found time to develop into what Centre County Agent Russell C. Seward describes as "one of our outstanding Junior 4-H Leaders."

He is still active in this phase of the program, assisting younger club members in adopting the practices that led to his own selection as Pennsylvania Achievement Winner in 1960.

It was in this capacity that Barr attended the National Club Congress at Chicago last fall as a prelude to being named the nation's Outstanding 4-H Boy of the Year.

The award was symbolized by a chest of silver from President Eisenhower, a college scholarship and selection as one of six 4-H'ers to carry the program's annual report to the White House.

In recognition of his more recent honor as Champion Holstein Boy, Barr will be a guest of the national and Pennsylvania Holstein organizations at the former's 76th annual convention at Cleveland, Ohio, June 5-8.

There, both he and fellow Penn State student Sandra Weiss will be awarded the famous bronze plaques representing ultimate success in "growing up with registered Holsteins".

WEISS (From page 24)

consistent winner at local and district shows.

The foundation heifer, known officially as Weissdale Supreme Patty 3489868 (GP), is still very much in the picture as bell cow of the 14 registered Holsteins currently helping to finance Sandra's college education.

Six of the 14, including "Patty" and two of her daughters, are of milking age. Last year, they averaged a very creditable 13,593 lbs. milk and 598 lbs. fat.

During the year, the young dairymaid from the Pennsylvania Dutch Country cashed milk checks totalling more than $3,000. Show premiums and receipts from cattle sold helped bring profits to nearly $1,500.

The herd, which won a state-wide 4-H Efficient Production Contest in 1958, is equally outstanding in type.

Over the years, Sandra has filled many scrapbooks of blue ribbons — capped by a Junior Champion in the open division at the Pennsylvania Farm Show. Several of her animals have been prominent in the annual All-Pennsylvania selections.

In 1956, a heifer of Sandra's breeding was among five selected to represent the state at the famous International Dairy Show in Chicago. A bull calf was purchased by the Turkish Government for use in its national livestock improvement program.

As a necessary by-product to the success of her purebred operation, Sandra acquired a lasting appreciation of the pencil as a farm tool. During the latter stages of her 4-H career she acted as her father's secretary, in full charge of record keeping on the family herd as well as her own.

She also found time to complete 4-H projects in broiler raising, canning, foods, clothing, electricity and vegetable gardening and to take active part in student activities at Schaefferstown High School.

As part of her 4-H project work, Sandra developed and presented several successful demonstrations —ranging in subject matter from "How to Throw a Calf" to "Fun With Milk Drinks."

Equally active in dairy cattle judging work she was high scorer on the Lebanon County team in 1960.

But according to Associate County Agent W. H. Schaffer, Junior Leadership activity provides the brightest single chapter in the National Holstein Champion's 4-H story.

Over the years, Sandra has worked long and diligently with younger 4-H dairy members, successfully employing a technique Schaffer describes as "the knack of leading by example as well as with words."

Although now a Sophomore in Home Economics at Penn State, she is still a key figure in this phase of the 4-H program.

Most recently, she has worked with Lebanon County Extension personnel in training a group of older Club Members known locally as the "Big Brothers," in ways and means of helping relative newcomers still a little unsure of themselves — just as Sandra Weiss was back in 1952.

DOEBERIENER (From page 24)

Now married and the father of two children, Doeberiener plans to make the development of a top registered Holstein herd his life work.

HOWARD (From page 24)

medal Illinois judging team at the National Dairy Cattle Congress, Waterloo, Iowa.

Later, he helped coach dairy judging teams in both the 4-H and FFA programs and served as State FFA Vice-President.

In addition to his dairy work, Howard completed equally outstanding projects in the production of legumes, corn, oats, wheat and beef cattle and in grain marketing.

He represented Illinois as a delegate to both the National Club Congress in Chicago and the Annual FFA Convention at Kansas City, Missouri.

Now a student at Elgin Community College, he is active as a Junior Leader of the Dundee Dandies 4-H Club.

Madolin Z. Cook

Madolin Z. Cook of Coventry, Connecticut's top Holstein 4-H girl, is one of the four finalists.

Madolin, 20 year old daughter of Mr. and Mrs. Keith H. Cook, started her dairy project when the family left the city for a small farm in the outskirts of Manchester in 1951.

The steady growth of her herd, which now includes 18 registered Holsteins conservatively valued at $5,600,

necessitated the move to the present larger acreage four years later.

Madolin, now a full-time farmerette, showed one of her cows to the Senior Grand Championship at the 1960 Hartford County 4-H Fair and took top honors in fitting and showing.

During her 10 years in 4-H she also completed successful projects in poultry, sheep, beef cattle, silage and hay. More recently, she has been active in Junior Leadership work.

Now in partnership with her parents, she is concentrating on building an outstanding registered Holstein herd on the foundation established in her Junior Projects.

"Farming", she says, "is hard work but the progress you can see is well worth the effort."

Mary Ellen Grove

Mary Ellen Grove of Hagerstown, Maryland's top Holstein 4-H girl, was another of the four finalists.

Mary Ellen, 18 year old daughter of Mr. and Mrs. Earl B. Grove, built a herd of 10 registered Holsteins and compiled an outstanding record in supporting projects during six years as a Junior Member of the national Holstein organization.

In the three year period 1956-58, she accomplished a highly unusual feat in showing three different members of her herd to senior and grand championship honors at the Washington-Allegany County Holstein Show.

She also completed highly successful projects in beef feeding, vegetable gardening, Junior Leadership, citizenship and a wide range of Home Economics work.

In 1959, Mary Ellen was a member of the Maryland 4-H Dairy Cattle Judging Team that captured top honors at the National Dairy Cattle Congress in Waterloo, Iowa.

The team took part in the International Contest at Cambridge, England, last summer and made an extensive tour of European dairy cattle breeding establishments en route home.

Miss Grove is now a Freshman at the University of Maryland after graduating fifth in a class of 343 at South Hagerstown High School.

Despite the demands of her studies, she is active as an assistant coach of apiring Washington County 4-H dairy cattle judges.

She describes the work as "one way of repaying the leaders and friends who helped me so much during my own 4-H career."

Rachel Lynn Norman

Rachel Lynn Norman of Purcellville, Virginia's top Holstein 4-H girl, is another finalist.

Rachel, 18 year old daughter of Mr. and Mrs. Edward C. Norman, has compiled an outstanding record during eight years as a Junior Member of the national Holstein organization.

In addition to the five purebreds now registered in her own name, she has been instrumental, over the years, in converting her parents' Longmoor Farm herd from grade to Registered Holstein cattle.

Last summer, she showed a granddaughter of her original 4-H calf to seven straight blue ribbons at leading Virginia and North Carolina fairs. The heifer later received Honorable Mention in the Junior All-American Contest conducted by the **Holstein-Friesian World.**

Earlier, Rachel was a member of the Louden County 4-H Dairy Cattle Judging Team for three consecutive years. In 1958, she was high-ranking member of the team representing Virginia at the National Dairy Cattle Congress in Waterloo, Iowa.

In 1959, after seven years of consistent success in a wide range of project work and notable achievement in Junior Leadership, she was received into the Virginia Chapter of 4-H All-Stars.

Rachel qualified for the national Holstein contest on the basis of her selection as state champion by the Virginia Cooperative Holstein Breeders Association.

Geraldine A. Phelps

Geraldine A. Phelps of Webster, New Hampshire's top Holstein 4-H girl, is also a finalist.

Geraldine, 18 year old daughter of William E. Phelps and the late Mrs. Phelps, has compiled an outstanding record during her nine years as a Junior Member of the national Holstein organization.

She now has five registered Holsteins — acquired with the assistance of the New Hampshire Holstein-Friesian Club after her original project animals were destroyed in a disastrous farm fire in 1959.

She has also completed 4-H projects in sheep raising, beef cattle, poultry, gardening, forestry, clothing, cooking, canning, freezing, home management and Junior Leadership.

In 1959, Geraldine was a member of the New Hampshire 4-H judging team that placed second at the Eastern States Exposition and went on to compete at the National Dairy Cattle Congress at Waterloo, Iowa.

Later that year, she was named State Champion Holstein Girl after topping the senior showmanship contest at the Southern New Hampshire Black and White Show and winning the J. Charles Williams Award for outstanding 4-H dairy work.

In 1960, she presented the outstanding poultry cooking demonstration in Merrimack County and was a winner in the county dress review with an evening gown of her own tailoring.

As a fitting climax to her star-studded 4-H career, Geraldine was chosen to represent New Hampshire at the National Club Congress in Chicago last December.

She plans on a college education and a subsequent career in the foreign service — a post she is already preparing for with a course in Russian.

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new proteins in the bacterial cells

RUMEN (From page 21)
of certain depressing factors found in some processed or natural feeds.

As a classic example of this difference we have the old feeding trial which first indicated that rumen bacteria manufacture new substances such as vitamins and certain amino acids. In this trial, rats were fed free choice of all of the original ration fed to a cow. These rats died from deficiencies. At the same time, other rats lived and thrived on the contents of the rumen of the same cow after the bacterial processing had supplied these deficiencies by manufacturing them from the same original ration!

THIRD: The fermentation (digestion) of the CELLULOSE of fibrous roughages. This difficult job, which cannot be accomplished (either not at all or not as well) by other animals, is the most important function of ruminants from an economic standpoint since it makes them efficient converters of our cheapest and most plentiful form of feedstuffs.

What is cellulose? It is a highly concentrated, complex substance, classed among the carbohydrates — with a chemical composition similar to starch or glucose. It is physically firm or hard, thus useful to form the permanent framework of plant stems and leaves. It later serves our purpose as a source of food energy, more concentrated and stable than the starches or sugars of "fresh" foods. It can be "digested" by boiling with strong chemicals (to make plastics, explosives, etc.) but, in nature, no one has yet found any digestive juice or enzyme which will digest it, except in certain bacteria almost exclusively found in the rumen.

The purest form of cellulose in nature is cotton (99%) containing only about 1% of other substances. Beside hay, grass, straw and silage, cellulose is the chief component of corn cobs, sawdust, jute, hemp, paper, flax, toothpicks, trees and cotton towels—and these rumen bacteria can digest them all! For example, only ruminants, like wild deer, can live on the foliage of pine trees, as they do in winter.

If you want an extreme example—how does a termite "digest" a wood timber? He has no rumen nor cellulose-digesting enzyme — but he gets the job done indirectly, like the cow. The theory is that the termite is associated with a flock of protozoans. The protozoans herd a group of special bacteria which digest the wood cellulose, after the termite chews it for them like the cow. Protozoans are larger and they envelop the bacteria to digest them. Then the protozoans are larger and they envelop the bacteria to digest them. Then the protozoans become the tasty, complete food for the termite! This is the same sort of a series as: hay, to rumen bacteria, to cow, to meat, to man.

Knowledge of these basic principles has already led to extensive use of corn cobs, once considered useless, as an important source of feed for beef cattle. In the same way we may expect other developments in the utilization of by-products or new forms of feed in the future, just as we have seen in the amazing increase in feeding of synthetic urea.

The absolute essential in making use of such "incomplete" feedstuffs is to furnish a supplement, scientifically compounded mostly to nourish the bacteria with those things lacking in such a feed as the corn cob, so the bacteria can thrive and do their complete job of converting the cellulose. An example of this is the "Iowa Economy Supplement" for wintering beef cows on cobs: — Urea (as a source of protein nitrogen for the bacterial "bodies") Molasses (for a quick source of energy to keep them working), plus salt (to furnish the sodium for the important alkalizing effect of the cow's saliva), plus limestone, dicalcium phosphate and other (trace) minerals, plus Vitamins A and D, (not present in the cobs—and these 2 not synthesized by the bacteria as they do the B group). With a similar supplement, plus good concentrates, beef feeders, in the South Texas drought, fattened steers at a gain of 2.53 lb. per day for 3½ months, using, (as the only roughage) 12 lb. per day of the branches of native mesquite brush ground to a fine meal (to free the cellulose from the lignin and resins so the bacteria could attack and digest it.)

How Is It Done?

The cow must provide an ideal factory and "living conditions" for the bacteria in the rumen-reticulum fermentation chamber. She provides: 1) constant temperature, 2) plenty of liquid, 3) enough sodium bicarbonate in gallons of saliva to neutralize the "acids" of digestion products and maintain proper Ph (acid-alkali balance), 4) chewed food, 5) constant mixing, 6) constant absorption of diffusible digestion products and constant outlet of bacterial soup and debris to the 3rd and 4th stomach, 7) maintain anaerobic (lack of oxygen) conditions with a constant pressure blanket of carbon dioxide and methane gas (by-products of bacterial fermentation) and to vent this gas by belching (without bloating). The dairyman must provide all nutrients needed both by the bacteria and, later, by the cow.

Now — as to these rumen bacteria (and protozoans). They are not all alike — there are at least several dozens of different varieties. Each kind has a certain specialty, working on specialized jobs, just like trades union specialists — and if one particular type of feed ingredient is not there, the "specialists" in this job soon fade away. We will see, later, how important this fact is.

We all know that bacteria do not "digest" feeds by chewing and swallowing into a digestive tract like animals because a bacterium is simply a single-celled organism, of semi-liquid composition, with a thin wall exterior and a governing nucleus inside. In the process of rumen digestion this cell, while acting independently, performs the same kind of function as do organized groups of cells comprising those glands which secrete digestive juices in other forms of animal digestion. Each rumen bacterium secretes certain types of enzymes to digest its special type of feed ingredient (celluloses, starches, proteins, fats, etc.)

Enzymes (formerly called "ferments") have no real chemical "Power" and do not themselves become a part of the new compounds. They act like chemical "catalysts" and, in some unknown manner, cause certain reactions to occur. Since these enzymes must be in actual contact with each particle of feedstuff and must attack it from the outside and work in, it is apparent that the chewing, grinding, soaking, and liquifying of coarse feeds is very important. Note: Certain plant ingredients such as starches in seeds contain some enzymes of their own, which become active with moisture and heat, thus adding to the total fermentation.

Enzymes in the rumen cause complex feed compounds to disintegrate rather rapidly and to change their structure, breaking down into the simplest of compounds, which are then in a form to be absorbed by the cow (or by the bacterium) and then rebuilt into complex materials in her body, or in other cases simply "burned" for work energy or heat.

For example, the proteins of the feed (also the urea) are all broken down to basic nitrogen (ammonia) and then re-assembled into complex

new proteins in the bacterial cells which then become available as protein to the cow. The volume and speed of this process is indicated by the fact that a total of about one pound of living and dead bacterial cells, each day, leave the rumen and enter the cow's true stomach as her actual source of high-quality protein. These bacterial cells analyze about 44% protein with a digestibility of 80% to 90%.

The cellulose and starch in feeds is converted to glucose, a simple sugar. Most of the glucose is then broken down into simpler, very important compounds called volatile fatty acids (V.F.A.) which are immediately absored through rumen walls into the blood stream for use by the cow. As much as 7 pounds per day of these V.F.A. are produced by such fermentation, supplying up to 40% of the maintenance energy of the cow PLUS the major portion of the ingredients for the manufacture of butterfat.

It is evident that digestion of cellulose, starch, etc., is mostly accomplished in the rumen because studies have shown that up to 80% of the T.D.N. of the ration is completely absorbed by the cow from the first 3 forestomachs. Before the total ration reaches the (4th) true stomach, it is estimated that almost all of the "digestible crude fibre," up to 96% of the "Nitrogen-Free-Extract" (starches and sugars), and from 60% to 80% of the total organic matter of the ration has already disappeared (by being digested and absorbed) before the cow's true stomach and intestines take over the rest of the job.

Changes in Diet

Sudden changes in the cow's diet always cause disturbance. (We must remember this when suggesting a "better" ration.) The reason for this is evident, as we know that the relative per cent of cellulose, starches, sugars, fats, proteins, (or urea) minerals, etc., (or the lack of some) develops a corresponding per cent of the many specific types of bacteria to suit the job at hand. Sudden changes in feed may require many more of some species of bacteria, may not support or need others; and it takes many days to re-shuffle or re-balance the per cent population to fit the new conditions. An extreme example is a reported trial in which sheep were abruptly changed from all hay to all grain concentrate. Many of the sheep died before adjusting their rumen populations. Most feeders of beef and lamb are aware of this difficulty,

(Please turn to page 102)

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RUMEN (From page 101)

which could be very serious if they moved too rapidly in putting roughage-fed animals onto "full feed" for fattening.

In studying such extreme cases, it has been found that suddenly increased per cent of starch (such as in grains) will cause faster digestion and rapid development of certain bacteria which "specialize" in producing excessive lactic acid. This inhibits the other types; and excess acid may even paralyze the rumen muscles. At the same time, when roughage is lacking, or is finely ground, cud chewing practically stops. Normal cud chewing produces at least half of the normal flow of saliva. If total saliva is thus drastically reduced, the rumen would lack the necessary quantity of alkaline saliva to neutralize even normal acidity.

Another example is the sudden introduction of urea or casein, resulting in rapid production of ammonia before there are enough ammonia-utilizing bacteria to dispose of it as it is produced. Note: This necessary re-adjustment of bacterial population, even with minor ration changes, is the reason why most Agricultural College feeding experiments allow up to a two weeks "change-over period" when starting or switching groups of cows on actual trials.

Basic Requirements

The "science" of feeding cows today must be based primarily on feeding rumen bacteria. Both need practically the same nutrients, but most of these must be supplied in a form which the various bacteria can utilize first, or else the whole scheme breaks down. For instance, we do not need to furnish the cow a ration containing the B Vitamins nor complete proteins (although the cow needs them) but we must furnish all of the ingredients for the bacteria to manufacture them. Examples: Vitamin B 12 is built on a base of cobalt in tiny amounts. If cobalt is missing, then there is no B 12 for the cow and pernicious anemia results. If sulphur is deficient, the bacetria cannot build complete proteins from urea and cannot produce some B Vitamins, etc., etc.

General requirements include: Plenty of salt and water. (Salt provides the (sodium) base for the alkaline saliva) Fresh water should be available for frequent intake.

Plenty of energy, in its cheapest form, such as cellulose from hay, silage and pasture — and a moderate amount of plant protein (plus urea in some cases) as a source of nitrogen.

Some readily available carbohydrates such as sugars and starches from grains for quick energy for the bacteria busily converting cellulose and building proteins — All of the necessary minerals, in addition to those in common salt — (See below.) Vitamin D, usually — Vitamin A, rarely (because it is supplied by green forage or good hay.)

Calcium is usually plentiful (especially with alfalfa feeding) but often deficient in high-producing cows.

Phosphorus is often low, especially in Southern states and parts of Canada — and often too low in ratio to calcium. These two important minerals (needed in large amounts) are usually supplied, beyond the ration content, in mineral supplements — either as a basic part of a commercial mixed dairy feed or in the form of bone meal or cheaper Di-calcium Phosphate salt. Note: We should be sure to supply these to the cow when she is dry, also, to build up her depleted stores for next lactation.

All needed trace minerals are included in the best commercial mineral supplements, or available in some "trace-mineralized" salt. These should include cobalt, sulphur, iodine, iron, potash, magnesium, manganese, copper and zinc; perhaps boron in some cases.

Many common rations are short in vitamin D (one which the bacteria do not synthesize). But Irradiated Yeast is such a cheap source of Vitamin D for cattle that nutritionists recommend that all dairymen should see to it that it is in their ration either as a part of a commercial feed containing such a supplement, or in a special supplement. This is especially important in the case of growing heifers for proper bone development, in the period between the calf ration and the milking ration; it is in this yearling period that heifers are often neglected and stunted.

Butterfat Tests Can Be Depressed

No longer can we say: "Feed has no influence on fat tests." Several different types of rations have repeatedly been proven to cause lowering of per cent of butterfat — some to the extent of a 50% drop! While most of these rations are not common on farms, yet they establish an entirely new concept in ruminant nutrition and give us some warning signals regarding certain feeding methods.

Research on this subject now is widespread since the basic reasons for these results have not been found. Because of this, it is difficult to give

(Please turn to page 104)

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RUMEN (From page 102)

an accurate summary of this complex subject at this time.

General principles are about as follows:

First — As the proportion of roughage in a ration decreases — while the proportion of finely ground concentrates increases (to a high point) there is a tendency toward slightly lower, then still lower, fat tests — over a long period of time.

Second — When the hay in the ration is all finely ground (down to about 1/16th inch) the fat test is lowered — and this drop in test is much greater when concentrates are fed with this finely ground (and usually pelleted) hay, even in normal amounts.

Third—When, with finely ground hay, the concentrates used are moist heated corn or wheat, (flaked corn and stale bread have ben used) then the drop in test is most extreme.

Fourth — Including a minimum of 4 to 6 pounds (preferably 10 lb.) of long hay or 30 to 40 lb. of silage — in a ration with finely ground and pelleted hay, seems to offset the fat-depressing effects and maintain normal tests.

No one, as yet, has even a good theory as to why all of these changes occur. This is especially true in the case of the moist cooked starchy grains, since the same grains, dry-heated, do not have this effect! We do know, however, that there is a definite disturbance in the bacterial activity, sometimes requiring several weeks to become noticeable and to reach full effect. We "know" this because, whenever any of these rations produces a lower fat test, we find that a definite change has always taken place in the proportion of the different kinds of Volatile Fatty Acids produced in the rumen by bacterial fermentation.

The most important of these V.F.A. for milk cows are acetic and butyric acids, because these two (especially acetic) furnish most of the ingredients for the manufacture of butterfat. Propionic acid, by contrast, appears to have little value for that purpose, but is very important in producing efficient body weight gains in fattening animals. With a normal roughage ration the V.F.A. produced usually are found in the proportion of about 65% acetic, only 15 to 20% propionic, and around 10% butyric acid. With fat-depressing rations, the total V.F.A. produced remains about the same, but the proportions change: acetic acid drops from 65 or 70% down to as low as 50%, while the propionic (and others) increase in its place. The lowered production of acetic acid "seems" to be definitely responsible for the correspondingly lower production of butterfat — as proven by the fact that feeding the cow as much as one pound per day of acetic acid (as sodiumacetate) to make up for the shortage, restored the normal fat production.

Finely ground, pelleted hay (sometimes with grain included in the pellets) is widely used for beef cattle and sheep, with many advantages. Actually, the higher production of propionic acid induced by such a ration is an advantage in feeding for weight gains, and more "efficient" in use of net energy than when high acetic acid is produced.

Use of such pelleted hay for dairy cows is being tried experimentally in several places, including some commercial dairies. Results vary widely — some produce lower tests, others do not. Sometimes it is difficult to determine why results are different. The factors involved seem to be: 1) the fineness of grind of the hay (Example —at U. Cal. 1/16 inch grind lowered fat—3/16 inch did not) 2) whether any (and how much) long hay or silage is also fed, 3) the ratio of concentrates to total roughage — also perhaps fineness of grind and composition of the concentrates. Here is a current example in California: One large dairy quit pelleted hay after a few months with gradually declining tests — a neighboring dairy is still feeding the same pellets, without test decline for 6 months, but they feed fresh green-chop with it, which probably offsets the effect of the pellets.

For our producers — we see no good reason for them to consider feeding pelleted hay and we certainly should advise against the practice of local grinding of poor hay to be mixed with grain. That just makes a bad situation worse. Other practical questions arise in connection with the feeding of silage and of lush pasture. Both of these feeds, especially early pasture, appear to be rather close, in their physical state, to the type of feed which depresses fat test. They are tender, easily disintegrated, probably pass rather rapidly through the rumen without as much cud-chewing, hence less saliva produced — and we do know that lush grass often reduces test, although increasing milk.

So it would seem wise to feed considerable hay, at least 10 lb. daily, along with silage. (Another reason for this is that feeding both usually increases the total in-take of roughage, requiring less concentrate.) With

lush, early pasture, it is strongly recommended that we offer free choice of hay (even poor hay or straw is often accepted by pasturing cows) on the theory that some long roughage in the ration will hold the grass particles in the rumen longer, will stimulate more cud-chewing and more saliva, and perhaps hold up the acetic acid production to maintain fat manufacture.

Another recommendation on this comes from the example of a commercial dairyman in California. He was strip-grazing lush, irrigated pasture. His Jersey cow replacements, purchased on known fat test records, always dropped in test after they entered his herd. These cows had plenty of fresh, new pasture every day. They selected and ate mostly the tender tips of the grass-legume pasture. This material had little fibre, passed quickly through the rumen; cellulose digestion was much below normal, hence less acetic acid produced. When he changed to green-chopping the same pasture, the chop included all the lower stems (not formerly eaten) containing much more fibre and cellulose; it produced more rumination, more cellulose fermentation, more acetic acid and higher test. To carry this one step further, to be safe, we would recommend that along with green-chop (the same as with grass silage) we should feed the cows at least 6 to 10 pounds of long hay.

SUMMARY

I. The rumen function is the one basic advantage which makes the dairy cow our most efficient converter of low-cost feed into human-food products. We should utilize this asset to its fullest extent to cut feed costs and increase net returns.

There are 3 steps in such a program:

A. Develop rumen function and capacity in the calf, early and continuously.

B. Continue to develop rumen capacity in heifers with plenty of pasture and roughage.

C. Utilize the advantage of rumen processing in cows by maximum use of pasture, silage and hay, with minimum concentrates. This means better pasture management, more (good quality) silage and high quality hay (early) cut, more digestible, more palatable) to get maximum daily intake of nutrients from forage.

II. The basic principles of rumen digestion give us many practical feeding suggestions, such as:

A. Poor quality, late cut hay slows down rate of digestion, reduces roughage intake and is the greatest single factor in reducing the basic value of the rumen in dairy cow. Grinding, or adding molasses to such hay is not worthwhile.

B. Excess concentrates (or molasses or other easily digested carbohydrates) reduce the efficiency of roughage digestion.

C. Sudden changes in rations are dangerous.

D. Never neglect such essentials as: - salt, calcium and phosphorus, trace minerals, Vitamin D, and frequent access to good water.

E. Watch for "poor" rations or periods when deficiencies may occur, requiring special supplements, such as - Vitamin D for heifers - and calcium phosphate for high-producing cows, both when milking and when dry.

F. Certain types of rations can depress butterfat tests. Until research reveals more definite "facts," we shoul be especially suspicious of finely-ground hay, lush pasture, lush grass silage and a high % of concentrates in the ration.

G. Suggest feeding some long hay with lush feeds to play safe.

III. We can give valuable service to dairymen by passing on to them an understanding of the basic mechanics of rumen digestion and an appreciation of the values to be gained by better use of this asset.

IV. Keep watching for new developments in the continuing research on many unsolved questions, because "The Rumen Story" is not yet all told.

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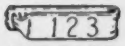

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THE HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA
BRANTFORD, ONTARIO, CANADA

One Of The Most Talked About Bulls Today
ROMANDALE MAPLE BARON born Sept. 6, 1959

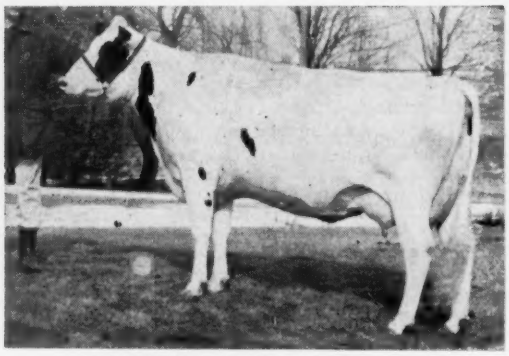
His Dam's "EX" 1117-lb. Dam

MAHONEY BABE LOCHINVAR (EX)

365d	5y	3X	26,321	4.24	1117
365d	7y	3X	25,256	4.17	1054

Dtr. of Lonelm Lochinvar Fayne (VG). Dam of Romandale Starbright (VG), Romandale Re-Echo Monarch (VG) and Romandale Capitaine.

His Promising Dam



ROMANDALE BABE (VG-86 at 2y)

305d 2y 13,358 M 4.3% 570 F (SA)
Freshened right back and starting on another top record. She is a daughter of ABC Reflection Sovereign (EX) out of the great cow pictured to the left.

His Illustrious Pedigree

BOND HAVEN RAG APPLE MAPLE 218036 C
Very Good
Canadian Honour List Sire, 1959
577 2-yr-old, ROM Dtrs., ave.- Milk 10,425 3.59% Fat 375
2 with 1088 and 1127 lbs.
1533 cl. dtrs. 55% GP or more.
Sire of -
3 All-Can., 4 Res. & 2 All-Am's.
Nine Honour List Daughters.
12 "Excellent" daughters.
Hon. Ment. All-Canadian Get, '58
Hon. Ment. All-American Get, '60
("E" dtr. World Ch. Sr. 4y, 305d. & sold $18,000 — son sold $16,000.

ROMANDALE BABE (VG-86 at 2y)
305d 2y 13,358 M 4.3% 570 F (SA)
She freshened right back and is starting on another top record.
One of the great young cows in the Romandale herd today, she has a great future ahead of her.

MONTVIC RAG APPLE MARKSMAN 137532 C
Excellent and Extra Sire
Seven times All-Canadian Get
5X sire, All-Canadian Get
171 Tested Daughters
40 from 800 to 1075 lbs.
37 daughters over 100,000 lbs. milk!
Sire of 15 "Excellent" progeny.

BESSIE TEXAL BURKE 438166 C
Very Good

365d	6y	2X	23,425	4.26%	998
365d	4y	2X	21,067	4.09%	886
305d	9y	2X	20,849	3.78%	789

2 Tested Daughters
With 726 and 987 lbs.
1 "EX" and 3 "VG" progeny

A B C REFLECTION SOVEREIGN 198998 C
Excellent & Extra Sire
Three times All-Canadian
5X Sire, All-Can. Get, 4X A-AM.
HT Dtr. 1111 F, 2X, for. Ohio Ch.
126 R O M Dtrs. to 1088 lbs.
HT Dtr. 1111 F, 2X, for. Ohio Ch.
22 offsp. 17 All-Can. & 15 Res.
8A-Am. offsp. 32 "E" offspring

MAHONEY BABE LOCHINVAR 737853 C
Excellent

365d	5y	3X	26,321	4.24%	1117
365d	7y	3X	25,256	4.17%	1054
365d	4y	3X	15,897	4.30%	684
365d	3y	2X	11,608	4.38%	508
365d	2y	2X	12,429	3.99%	496

7 lactations total:
133,058 M 4.13% 5,498 F
Dam of —
Romandale Starbright (VG)
(Res. All-Can. Sr. Yrlg., 1956)
Romandale Re-Echo Monarch (VG)
(Sire, 1st Sr. Get, '58 York B & W)

RAYMONDALE IDEAL SUCCESSOR 115346 C
VG — Sold for $18,000 at 9 years.
70 Tested Daughters
3 with 1008, 1019 and 1163 lbs.

MONTVIC RAG APPLE COLANTHA ABBEKERK 224416C
Excellent - Gold Medal Dam
365d 9y 3X 29,208 4.32% 1263
(Former World Champion)
4 times Dam, All-Canadian Produce

LONELM TEXAL FAYNE 95503 C
68 R O M Daughters
3 with 924, 998 and 1169 lbs.
3 with 836, 877 and 889 lbs.
13 dtrs. over 100,000 lbs.

RAG APPLE TOITILLA BURKE 354323 C
365d 2y 2X 11,035 3.67% 407
1 VG dtr. with 998 lbs., 2X, 4.26%
By Montvic R. A. Baron 2nd.

MONTVIC RAG APPLE SOVEREIGN 155159 C
"E" - Twice All-Canadian
287 Tested Dtrs. to 1024 lbs.

A B C INKA MAY 55938 C
Excellent
All-Canadian 4-yr-old, 1947
365d 4y 3X 24,141 4.67% 1128.0

LONELM LOCHINVAR FAYNE 186000 C
Very Good
Sold for $1,800 in 1945.
1st 2-yr-old, Lachute, 1945
Res. Gr. Champ., C. C. E., '48
8 R O M Daughters
1 with 1117 lbs., 5y, 3X, 4.24%
3 with 624, 684 and 709 lbs., 2X

JAY-CE BABE POSCH MERCEDES 507409 C
Very Good

365d	5y	3X	18,135	3.90%	721
365d	4y	3X	18,852	3.52%	677
365d	2½y	2X	13,323	3.82%	509

Dam of —
1 EX. dtr. with 1117 lbs., 4.24%

For services contact either Michigan Artificial Breeders, Inc., East Lansing, Mich., or C. B. Smith.

C. B. SMITH — *Wolverine Farms* — Williamston, Mich.

PIPER BROS. FARMS, INC.

WATERTOWN, WIS. PHONE - 2170

DETERT BEACON INKA MISTRESS
(EX-93 Pts)

"Mistress"

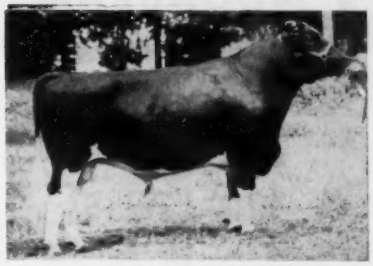
SHE IS REALLY TRANSMITTING THRU HER SONS

She is excellent in every category

365d	7y	3X	25,619 M	4.7%	1211 F
365d	6y	3X	21,388 M	4.6%	1086 F
365d	9y	3X	22,776 M	4.7%	1072 F

Over 137,900 M- in lifetime.

Her son, Brauns Masterpiece, (by Pabst Comet) pictured at right; her other son in our stud, Weix Beacon is VG- 3 of his dtrs. pictured below; they are all VG at 2-yrs.



BRAUNS MASTERPIECE
Popular son of "Mistress" by Pabst Comet

DAUGHTERS OF WEIX BEACON, "MISTRESS" SON

SWARTZ MISTRESS HOME IDA
VG-85 at 2-yrs.
2y1m 316d 2X 12,460M 3.7 465F

SWARTZ MISTRESS ORMSBY BEAUTY (VG at 2-yrs. -89)
1y10m 305d 2X 11940M 4.5 534F

BARMAH BEACON ANN
VG-86 at 2-yrs.
2y7m 169d 7020M 3.8% 264F(Inc)

SEMEN:

1-9 vials— $10 per vial. Special rates for orders over 10 vials.

WRITE FOR COMPLETE SIRE DIRECTORY OF ALL PIPER SIRES *
Top sires from all blood lines.

TWO PROVEN BULLS FOR SALE

Both bulls may be seen along with their daughters at the Northern Wisconsin Colony herd at Chippewa Falls; one is from a Gold Medal dam, the other a SMP sire.

NOW 28 GOLD MEDAL SIRES BRED IN OUR STATE INSTITUTION HERDS

Wis Junior Burke Chief

No. 1226865 - Good Plus- Born March 8, 1954.

He is from the Gold Medal dam, Wis Eva, dtr. of Wis Ideal with:

365d	5y	3X	24,294	3.8%	922.1
365d	2y	3X	16,840	4.1%	692.0

She has 2 A.R. dtrs. (one with 802F) and her dam is a 600-lb. 2-yr. old dtr. of Wis Extasy.

Sire of this bull is Weber Junior Burke Chief (VG) with 10 tested dtrs., 3 from 624 to 716 F. The Nat. Ass'n dtr.-dam comparison on 1st ten tested dtrs. of Wis Junior Burke Chief-

10 dtrs. Avg.	15,063	3.88	584
10 dams Avg.	12,461	3.83	477
Dif.	+ 2,602	+ .05	+107

Nowisco Jess

No. 1173438 - Good Plus- Born 9 - 18 - 51 - SMP sire.

His sire is Pabst Jess (VG) an SMP sire, 730-lb. son of Pabst Regal.

His dam is a daughter of the noted SMP sire, Lalaur M B B Creator (2 dtrs. over 1000-lbs. F.); the dam is Nowisco M B B Elberta with 765 F., 4.7%, 16232M - 365d. at 4-yrs. 698 F. 4.6% at 5 yrs. (qual. 305d. on both records) also 685 F. 3-yrs. and 557 F. 2½ yrs. 298 ds. Her dam a 596-lb. dtr. of King Tidy Fobes of Ventnor.

His proof: 21 dtrs.	12,486	4.28	534
dams	12,369	3.94	487
Dif.	+ 117	+ .34	+ 47

2 dtrs. with 627 and 681 F.

Heifer sales list now available. For pedigrees or further information on these two sires write Art Jensen, herdsman at Nowisco or write—

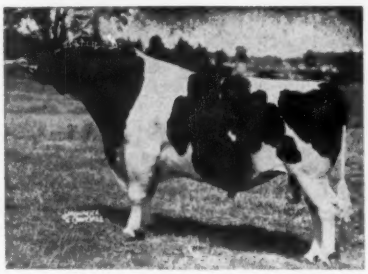
Wisconsin State Department of Public Welfare

Fred M. Whitemarsh, Farm Supervisor State Office Bldg., Madison, Wisconsin

To Catch A MOONBEAM

CATCHING MOONBEAMS - HITCHING YOUR WAGON TO A STAR - AND LOOKING FOR THE POT OF GOLD AT THE END OF THE RAINBOW -

all represent the goals man has made unattainable for himself.



ADMIRAL COMET - EX-Gold Medal

OR - ARE THEY? Doesn't it represent man's dissatisfaction with himself when he continues to wish - knowing what is over the next hill - the answer - another hill.

When Pinehurst Farms was started in 1955 we hitched our wagon to our own concept of a star - the Klazerina family. RESULTS: there are debts that have been paid, records have been made - and, from nothing, a herd numbering 22 Excellents.

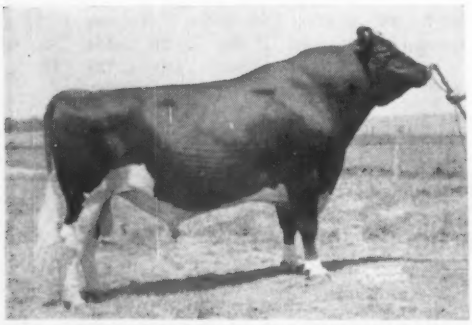
Probably the boldest, wisest and most adventurous move we've made was securing Admiral Comet (EX-GM) as a foundation sire. A son of Pabst Comet, his dam was Klazerina Della, much admired locally but unknown generally. After successfully serving as head man here, he was sold to Badger Breeders where he really made a hit. He won the roughest battle of all - the acclaim of the farmer members, some purebred - some grade - some in far off places, those men who milk cows for a living.

Today in the Badger area these farmers say, "We want to breed more to him." Alas, he's long since gone. Unfortunately, too, for the much admired top at the Kieffer sale at $3300 was his daughter.

We tried duplicating this mating by breeding Wis Symbol to Klazerina Della 2d - we've been successful - we now have **Pinehurst Klazerina Champion.**

So many exciting ideas are popping up we have trouble keeping up with them. **"Champion"** semen is now available - bull calves also.

Want to gather some Stardust, Investigate . . .



PINEHURST KLAZERINA CHAMPION

PINEHURST FARMS

SHEBOYGAN FALLS, WIS.

ADVANCED REGISTRY REPORTS

Holstein-Friesian Association of America

Brattleboro, Vermont

April - 1961

LACTATION AVERAGES

	No. Rec.	Avg. Milk	%	Avg. Fat
Adams, Robert W., Broken Arrow, Okla.	91	13721	3.7	513
Ahalt, C. Richard, Middletown, Md..	47	14349	3.8	540
Ahalt, Maurice S., Middletown, Md.	23	13989	4.1	580
Ames, Edward D., Pawlet, Vt.	78	11008	3.5	384
Atwood, Grover C., Falls Village, Conn.	5	15325	4.0	615*
Babler, Ralph R., Dakota, Ill.	30	12962	3.7	483
Bailey, Charles L., North Charlestown, N. H.	24	12210	3.9	473
Balis, Boyd & Hattie, Janesville, Wis.	21	12507	3.5	434
Barnes, Rulon D., Kaysville, Utah	15	14475	4.0	575*
Bartel, Henry, Hastings, Minn.	21	13270	3.8	507*
Bauck, Glenn R., Vassar, Kans.	10	10328	3.7	384
Bauer, Harold C., Hastings, Minn.	7	13780	3.6	490*
Bly Farm, Jamestown, N. Y.	70	11770	3.6	422
Briggs, H. C., & Son, Turner, Maine	76	16263	3.9	642
Broughton Hospital, Morganton, N. C.	41	16041	3.7	593*
Bruens, Arthur H., Cissna Park, Ill.	27	16557	3.7	617
Burger, Harry C. M., Seneca, Kans.	40	12453	3.6	451*
Burgess, W. G., Tulsa, Okla.	41	11595	3.4	397
Burnham, Melvin J., Jr., Reisterstown, Md.	21	11689	3.8	444* **
Ceres Corporation, Durant, Iowa	17	9655	3.8	366*
Chartley Farms, Westminster, Md.	72	12674	3.8	485*
Cheatham Dairy, Inc., Laveen, Ariz.	154	8875	3.7	330
Christie, Ernest, Bozeman, Mont.	25	12899	3.4	437
Christie, Laurence G., Bozeman, Mont.	34	16118	3.5	558
Clark, Donald E., Milliville, Pa.	14	13845	3 9	535
Clark, G. Lawson & George C. Tanguay, Jr. East Taunton, Mass.	25	15465	3.5	539*
Clark, T. Hazel, Easton, Md.	17	13214	3.8	506*
Clemson Agricultural College, Clemson, S. C.	114	13104	3.6	475*
Clinard Dairy, Mc Loud, Okla.	21	12337	3.6	441
Clove Valley Farm, Sussex, N. J.	18	13107	3.7	484*
Coblentz, Austin B. & Walter B., Jefferson, Md.	52	12813	3.7	477
Columbia County Hospital, Wyocena, Wis.	46	13442	3.6	481
Conner, Edith, Avoca, N. Y.	24	14353	3.9	561*
Cooke, F. Clifford, Dorr, Mich.	17	12817	3.7	475*
Coons, Philip A. & Rose A., Newtown, Conn.	58	16781	3.7	627
Cordes, Arthur, Lake City, Minn.	5	13157	3.8	497*
Crescent Farm, Inc., Columbus, N. J.	5	13375	3.6	487*
Dane County Farm, Verona, Wis.	67	12142	3.7	450*
Davis, John A., & Sons, Inc., Sterling Junction, Mass.	81	11320	3.5	391*
De Boer, Chester A., Hull, Iowa	33	14396	3.8	546
Decision Farm, Cooperstown, N. Y.	12	11423	3.8	436*
Dellinger, Mr. & Mrs. J. S., Jeffersonville, Ind.	69	12121	3.6	442
Diamond S Ranch, Waterford, Calif.	213	15672	3.8	589
Dibble, Benjamin E., Delavan, Wis.	45	11955	3.8	449
Dickinson, Paul F., De Soto, Mo.	38	11923	3.6	429**
Dykstra, John & Donald, Manhattan, Mont.	65	15300	3.3	499
Eastern Kentucky State College, Richmond, Ky.	26	12068	3.5	421
Engle, Maynard G., Ontario, Calif.	17	13484	3.7	495
Ensor, Gerald M., Reisterstown, Md.	40	12063	3.6	429*
Estabrooks, Norman W., West Bridgewater, Mass.	40	12600	3.7	462*
Everroad, Joseph, Hope, Ind.	9	9439	3.4	322**
Farnham, Carroll, Plainfield, Vt.	18	14110	3.7	516*
Fitzgerald, W. R. & M. C., South Ashfield, Mass.	7	12967	4.0	523*
Fleming, Isador T., Califon, N. J.	23	11285	3.6	402*
Foster, R. & F. Reynolds, Harrisville, R. I.	44	13034	3.8	495
Garvey, Michael J., West De Pere, Wis.	22	14376	3.5	498*
Gates Homestead Farms, Chittenango, N. Y.	49	13301	3.8	505*
Gavett, Charles W., Hamden, N. Y.	11	16674	3.3	549*
Gawthrop, Harold & Carl, Etna Green, Ind.	20	14767	4.0	586
Giulian, Albert, Canaan, Conn.	46	14410	4.0	583*
Globus, Joseph, Rehoboth, Mass.	43	15622	3.8	590*
Goeke, Willard, Waukon, Iowa	19	13970	4.0	559*
Gould, R. A., Marshfield, Vt.	46	16029	3.5	561*
Grafton State Hospital, North Grafton, Mass.	30	14483	3.7	531*
Graham, Charles E., Linwood, N. C.	63	11843	3.6	428
Graham, Jack, Columbus, Kans.	17	11661	3.6	415
Grohmann, H. Victor, Sussex, N. J.	41	12015	3.5	425
Gunn, William H., Southampton, Mass.	32	12813	3.8	488*
Hemond, Roland E., Mechanic Falls, Maine	8	14863	3.9	576*
Herr, Galen W., Elizabethtown, Pa.	23	11871	3.8	447
Hewitt, H. L., & Sons, Farms No. 1 & 2, Elkton & Bad Axe, Mich. (Composite Average)	48	15346	3.5	535
Hewitt, Merritt S., Jr., North Bennington, Vt.	44	11662	3.6	425*
Higher View Dairy Farms, Hays, Kans.	50	11927	3.9	461
Hill, Francis, Richmond, Mich.	44	12057	3.5	422
Hill, Gaylord E., Barneveld, Wis.	26	13307	3.8	500*
Hillsboro Farm, Belle Mead, N. J.	38	12479	3.8	473*
Holt, W. E., Dover, Del.	6	12760	3.6	454*
Homestead Farms, Inc., Stormville, N. Y.	55	13151	3.5	462*
Hoose, Arthur D., Fishkill, N. Y.	23	14467	3.5	504
Hop, Andrew, Jr., Artesia, Calif.	143	16823	3.5	584
Hopkins, Ruth & William, New Preston, Conn.	7	13756	4.0	546*
Howie, James M., Morristown, N. J.	21	10422	3.6	376**
Hoyt, Robert L., Dallas, Iowa	10	11707	3.8	444*
Iowa State University, Ames, Iowa	73	13899	3.4	473*
Jessup, D. B., & Sons, Fairmount, Ind.	16	13031	3.8	495
Jocinah Farms, Marion, Ind.	42	11604	3.6	417*
John Umstead Hospital, Butner, N. C.	51	12148	3.5	429*
Johnson, J. S., Oldwick, N. J.	114	13812	4.1	562
Jones, Allan F., Jamestown, N. Y.	64	12132	3.8	458*
Kaderly, Edwin & E. J., Juda, Wis.	69	12095	3.5	428*
Kalmey, John E., Shelbyville, Ky.	25	13218	3.8	496
Kimball, Howard A., & Sons, Lunenburg, Mass.	71	15248	3.8	578*
Krause, Harold, Willimantic, Conn.	40	13860	3.6	499*
Kreuziger, Otto & James A. Ray, River Falls, Wis.	53	14884	3.9	581*
Krusemark, Albert H., Frankfort, Ill.	46	13075	3.7	486*
Kuchenmeister, Walter, & Son, New Haven, Mich.	20	13745	3.4	463*
Landmeier, Wilbert B., Wheaton, Ill.	21	12711	4.2	533*
Lasher, William H., Catskill, N. Y.	12	14611	3.7	536*
Leeper, Kent, Lima, Ill.	20	14261	3.7	529*
Linehan Brothers, Clifton Springs, N. Y.	40	14634	3.6	527*
Lundmark, Lee F., Cumberland, Wis.	28	13953	3.8	524
Macy, A. Martin, Locust Dale, Va.	45	15177	3.8	571
Magness, Albert H., Bel Air, Md.	26	14915	3.9	582
Manley, L. F., Milton, Vt.	28	9416	3.5	333*
Marshall, Leland & D., Pratts Hollow, N.Y.	25	14525	3.7	537*
Mauhs, Sharon J., Cobleskill, N. Y.	30	11910	3.7	443*
Maynard, Everett C., Moretown, Vt.	51	12929	3.7	474*
Mecca Farms, Marion, Ind.	27	14157	3.4	483
Menendez, Max, & Sons, Walden, N. Y.	63	13164	3.5	460*
Metz, Harry A., Howell, Mich.	46	12975	3.6	463
Mickelson, F. M., Grace, Idaho	32	13656	3.3	455
Miller, Ben & Oliver, Brodhead, Wis.	36	12878	3.7	475
Miller, Clifton & Harold, Ancramdale, N.Y.	63	15738	3.8	595
Miller, O. B. H. & Thomas A., Winchester, Ind.	15	14400	3.5	504
Millhauser, H. B., Reisterstown, Md.	46	14002	3.8	539*
Miner, H. C. & R. H., Lakeville, Conn.	42	13613	3.8	516*
Model Dairy Farms, Davenport, Iowa	33	14160	3.6	511**
Moncony Farms, Spencerport, N. Y.	135	14011	3.7	513*
Moore, Arnold, Jr., Boring, Oreg.	27	13363	3.5	463
Morgan, Ralph D., Linwood, N. Y.	8	16215	3.5	566*
Morrison, Ray, Rensselaer Falls, N. Y.	21	15673	3.7	575
Moyer, Charles F., Jr., Amelia, Va.	41	15627	3.8	593*
Mueller, George F., Hanover, Kans.	7	11882	3.8	446*
Mueller, Waldo, Halstead, Kans.	26	11000	3.9	426
Musser, C. S., Upland, Calif.	69	12856	3.6	462
McCarthy, William A., Jr., Addison, N.Y.	13	15592	3.7	583*
McDanolds, William L., Augusta, N. J.	7	16241	3.7	596*
McKenzie, Burt, Hollandale, Wis.	30	14990	3.7	559
Neale Farms, The, Waco, Texas	91	13296	3.9	513
Neises, Geo. H., Crown Point, Ind.	14	16130	3.7	591
New Mexico State University, University Park, N. Mex.	57	14725	3.5	513
Nielsen, Walter C., Boulder, Colo.	24	9716	3.7	359
Noble, Ernest & Edward, Marshfield, Vt.	31	16262	3.4	553*
Norfolk County Agricultural School, Walpole, Mass.	17	15646	3.9	614*
Oelke, Ernest, Fond du Lac, Wis.	19	13396	3.5	475
Ohio State University, Columbus, Ohio	18	14879	3.6	529*
Ohlde, Edwin H., Linn, Kans.	7	12432	3.4	428*
Oregon State Farm, Oregon, Wis.	104	14275	3.8	541
Overton, William, Oshkosh, Wis.	5	14551	3.2	464*
Packard, James, Stafford, N. Y.	13	13528	3.6	489*
Palmer, G. C., Jr., Clyde, N. C.	13	13738	3.8	516*
Parish, John & Alberta & M. K. Partridge, Estherville, Iowa	12	14042	3.4	483*
Perry, Richard A., Ithaca, N. Y.	32	12896	3.6	470*
Phend, E. W., Princeton, Iowa	33	11337	3.7	424
Phillips, Lawrence J., Amsterdam, N. Y.	29	15321	3.7	568*
Phillips, Wm. W., Milford, N. J.	33	14094	3.8	541
Pickett, J. Daryl, Lake Charles, La.	13	15892	3.3	527
Pineyhill Farms, Washington, N. J.	57	15467	4.0	623
Plankenhorn, Lester R., Hyde Park, N. Y.	57	15432	3.4	522*
Potter, F. Arthur, Jr., Washington, Conn.	8	16416	3.5	582*
Pratz, Harold W., Waterloo, N. Y.	55	16084	3.8	618
Rasmussen, John, St. Paul, Oreg.	32	13898	3.5	493*
Rasmussen, Robert A., East Stanwood, Wash.	10	14680	3.5	521
Reavis, J. T., Quitman, Miss.	8	7926	3.2	257**
Reichard, F. W., & Son, Lebanon, Conn.	23	15852	3.7	586*
Reid, Wm. A., Oxford, Pa.	47	13087	4.2	551
Remsburg, A. Doty, Jefferson, Md.	13	11752	3.7	437
Rhein, Kenneth, Brownsville, Wis.	40	14383	3.7	530
Ribordy, Floyd, & Sons, Farms No. 1 & 2, La Porte, Ind. (Composite Average)	63	14182	3.7	530
Rickard, Stanley, Cobleskill, N. Y.	5	16426	3.5	569*
Ricker, Herman, & Sons, Sussex, N. J.	8	14967	3.9	588*
Ridder Farm, Inc., Whitman, Mass.	50	11465	3.6	416*
Robenstead Farm, Poland, N. Y.	90	12258	3.8	462*
Robertson, Gene, Burkburnett, Texas	79	11989	3.5	420
Roche, John F., Rio, Wis.	25	14119	3.7	520
Ruttman, August, & Sons, Fowlerville, Mich.	27	14229	3.7	525
Saxet Farms, Natalia, Texas	73	10867	3.7	400
Schaffer, W. A. & Wilbert, Cannon Falls, Minn.	32	13528	3.6	481*
Schonhoff, A. M., Cape Girardeau, Mo.	85	11528	3.6	415
Schroeder, Donald, Courtland, Minn.	28	13059	3.7	477*
Schroer, Max R., Bowling Green, Ind.	24	11173	3.6	407
Schultz, Vernon, Manitowoc, Wis.	25	15168	3.7	554*
Schulz, Arno E., Random Lake, Wis.	7	10919	3.8	413*
Schurman, John, Deer Park, Wash.	17	13959	3.5	495**
Schwantes, R. A., Horicon, Wis.	29	10609	3.7	397*
Scripps, Josephine L., San Luis Rey, Calif.	15	13180	3.4	446
Seacrest, Joe R., Lincoln, Nebr.	53	12323	3.6	442
Seefeldt, Gerhard W., Theresa, Wis.	22	13528	3.5	479
Shelby, Mary Mildred, Waynetown, Ind.	23	12995	3.6	473
Shur, Jacob, Island Falls, Maine	23	15191	3.6	545*

LACTATION AVERAGES (Con't.)

	No. Rec.	Avg. Milk	%	Avg. Fat
Small, John W., Spencer, Mass.	6	12348	3.4	414*
South Dakota State College, Brookings, S. Dak.	31	14378	3.6	518*
Spirrison, Louis & C., Crystal Lake, Ill.	30	14519	3.9	567**
Sprenger, Fritz, & Sons, Zumbro Falls, Minn.	42	11715	3.6	419
Stafford, Walter L., & Sons, Peru, N. Y.	51	14229	3.6	514*
Standish, Alexander, Canterbury, N. H.	47	14435	3.8	547
State of Washington, Washington State Reformatory, Monroe, Wash.	91	15181	3.1	468*
State of Washington, Western State Hospital, Fort Steilacoom, Wash.	124	15992	2.8	442*
Stenning Farms, Lake Geneva, Wis.	33	13892	3.8	531
Sterk, Henry, Artesia, Calif.	170	17424	3.4	601
Stevenson, Harvey, & Son, Ithaca, N. Y.	30	12482	3.6	444*
Stiles, W. G., & Sons, Rochester, N. H.	26	11394	3.8	429
Stoddard, Frederick A., North Haverhill, N. H.	6	14690	4.2	613*
Stoffell, J. M., J. R. & W. E., Knoxville, Tenn.	53	11602	3.5	402
Stryker, J. Irving, Neshanic, N. J.	31	13230	3.8	498
Stuckert, Erwin H., Oconomowoc, Wis.	53	13920	3.8	529
Stuessy, Robert E., Brodhead, Wis.	22	12596	3.4	431*
Sunny Vale Farms, Lafayette, N. J.	68	16756	3.7	625**
Swanson, Paul C., Stromsburg, Nebr.	43	12624	3.9	491
Swanson, Robert G., North Kingstown, R. I.	31	12831	3.7	470*
Sweeney, Dolan, & Sons, Ubly, Mich.	41	17919	3.5	630
Sybrandy, Roy, Norwalk, Calif.	65	15794	3.7	585
Szajda Bros., Lebanon, Conn.	34	14049	3.6	508*
Tanner, Arthur & Lewis, New Preston, Conn.	52	11760	3.8	443
Tarleton State College, Stephenville, Texas	19	12693	3.6	452
Thalacker, Arden C., Westfield, Wis.	7	14511	3.3	485*
Thrall, H. C., & Sons, Inc., Windsor, Conn.	63	14822	4.0	590
University of Delaware, Newark, Del.	37	13233	3.8	503*
University of Maine, Orono, Maine	35	17116	3.8	647*
University of Massachusetts, Amherst, Mass.	26	15015	4.0	598*
University of Nebraska Experiment Station, North Platte, Nebr.	42	12773	3.6	458*
University of Tennessee, Knoxville, Tenn.	45	13900	3.5	487
Vande Loo, George, Jr., Cleveland, Wis.	24	14348	3.6	522*
Vangsness, C. J., Kenyon, Minn.	18	13828	3.5	486*
Vangsness, L. D. & Gladys Groven, Kenyon, Minn.	15	13740	3.5	475*
Van Horne Farms, Van Hornesville, N. Y.	43	13139	3.6	470*
Voss, Merlin A., Verona, Wis.	29	11078	3.6	394*
Wallace, Charles T., Warwick, N. Y.	14	13697	3.8	517*
Walrath, R. Y., & Son, East Springfield, N. Y.	39	15728	3.6	568*
Wappler, Ervin, & Son, Sullivan, Wis.	32	11123	3.8	422
Weary River Ranch, Escondido, Calif.	189	17139	3.6	615
Weber Brothers, Bloomer, Wis.	35	15147	3.8	577
West Virginia University, Morgantown, W. Va.	25	14247	3.7	532*
Whitcomb, William J., Lebanon, Conn.	28	14332	3.7	534*
Wieland, Erwin F., Kawkawlin, Mich.	29	14036	3.5	485*
Wisconsin State Reformatory, Green Bay, Wis.	58	14948	3.7	555*
Wisner Farms, Warwick, N. Y.	40	14063	3.6	511
Wolf, John, Alexandria, Ky.	31	9562	3.6	345
Woodworth, Ralph M., Groveland, Mass.	25	12346	3.7	460*
Woodyard, Burl, Indianola, Iowa	5	15861	3.1	497*
Yousey, Joseph, Basom, N. Y.	31	13213	3.6	472*
Zuber, Frederick T., New Bedford, Mass.	7	15091	3.7	552*

* DH
** Discontinued

SILVER MEDAL TYPE SIRES

Upon application

Name of Bull and Owner	Daus. Fresh or 3 Yrs. Old	% Daus. Classified	Avg. Score	Required Score
SKOKIE GLAMOUR BOY 1282185 90 Elmwood Farms, Lake Forest, Ill.	16	100	84.7	81
SKOKIE SENSATION 1267271 90 Elmwood Farms, Lake Forest, Ill.	11	91	83.9	81

Without Application (automatic)

Name of Bull and Owner	No. Pairs	Daughters Score	Daughters BAA%	Dams Score	Dams BAA%	Daus. Avg. Required
ARNOLDVALE DICTATOR DEAN 1245728 90 Russell Arnold & The Beacon Milling Co., a Division of Spencer Kellogg & Sons, Inc., Amsterdam & Cayuga, N. Y.	15	82.0	103.3	79.5	99.6	101.55
BAINRIDGE CHESTER INKA 1231365 83 David K. Bain & Paul Rosenthal, Argyle & Pine Plains, N. Y.	15	82.6	103.5	83.1	102.7	103.10
BAIRDLEA MASTER STANDARD 1256464 86 P. M. Baird & Sons, Chester, N. Y.	29	80.2	101.3	80.2	98.9	101.00
CARNATION HIGH LIGHTER 1219622 86 Washington State University & Western Washington Experiment Station, Pullman & Puyallup, Wash.	27	81.4	102.8	82.0	102.1	102.55
CHASEHOLME DEEN PRIDE 1221490 82 H. C. Thrall & Sons, Inc., Windsor, Conn.	12	81.3	102.6	80.8	100.3	102.15
DISTINCTION JEWEL PROFILE 1225983 85 Hubert Horn, Greenwood, Wis.	18	80.8	102.1	79.6	98.7	101.10
ELLBANK JULE KING ADMIRAL 1281628 85 H. C. Winans & Son, Kenneth & Raymond Vail & Alton Wright, Pine Plains, Lagrangeville & Pleasant Valley, N. Y.	11	82.5	104.6	84.0	105.0	104.50
ELMOKA OLIVER L HOMESTEAD 1262987 89 George Schutz, Dallas, Wis.	17	82.4	104.1	81.8	102.5	103.00
EVERSTATE TRANSMITTER KING 1154225 83 American Breeders Service, Chicago, Ill.	13	83.4	104.4	83.6	103.6	103.80
FORSGATE RAG APPLE POSCH 78 New Jersey Co-op. Breeders Assn., Inc., Annandale, N. J.	10	80.5	101.7	80.2	99.1	101.55
GLADELL PONTIAC B WAYNE 1250116 87 Fred Feltenberger, Spring Mills, Pa.	12	80.4	101.9	77.6	97.9	101.00
GREEN MEADOW RAG APPLE MAJESTY 1203346 87 Elvin J. Ackerman, Gifford, Ill.	20	81.7	102.7	82.1	102.2	102.60
HEERSCHE SMOKY BEAU 1074404 87 Frank L. Robison, Morton, Ill.	26	81.0	101.5	79.7	99.5	101.25
IRVINGTON PRIDE ADMIRAL 1237057 92 W. I. King, Gaithersburg, Md.	15	84.5	106.5	81.9	101.8	102.65
KIL-BAR CHIEFTAIN BLACK KNIGHT 1221552 88 Henry Bartel, Jr., Hastings, Minn.	10	82.6	104.6	84.2	105.0	104.50
LAIRD BUCKAROO DESIGN 1088333 77 Arthur J. Griscom, Jr., Salem, N. J.	15	81.1	101.5	80.2	99.4	101.45
LANGE ROMASTER TRIUMPH 1137410 Duane Hoffman, Black River Falls, Wis.	14	82.1	102.3	80.3	100.4	102.20
LAVACRES MAGIC 1253143 83 California Dairy Breeders, Inc., Davis, Calif.	10	81.5	103.3	81.0	101.2	102.60
LINMERE RENOWN VALIANT 1077390 90 Arthur P. Ireland & Son, Forest Grove, Oreg.	37	82.3	103.0	82.7	102.9	102.70
LOS ROBLES SIR EMPEROR 1240978 87 C. T. Sharp & Sons Dairy, Mesa, Ariz.	13	81.1	102.5	79.9	99.7	101.85
MAPLE HAVEN WONDER VAR 1105700 89 Hubert S. Miller, Myerstown, Pa.	26	82.1	103.2	82.6	103.0	103.00
MIDLAND MAGIC MARVEL 1196985 C. T. Sharp & Sons Dairy, Mesa, Ariz.	39	80.7	101.6	80.5	100.6	101.30
OAKCREST EDNA WALKER LAD 1228433 Laurence McNeil, Argyle, N. Y.	10	82.9	104.0	84.2	103.5	103.75
PABST LEADER ORMSBY FOBES 1215957 83 Richard Gilna & John Krhovsky, Corunna, Mich.	16	81.6	103.0	82.0	102.3	102.90
PABST ROBURKE BELBRIGHT 1196264 88 Tri-State Breeders Co-op., Westby, Wis.	12	81.5	102.6	81.8	101.1	102.55
ROCK RIVER COUNT 1265166 91 Rock River Farms, Byron, Ill.	16	82.0	104.1	81.6	102.0	102.75
SANGARD FLOWER JO BURKE 1238933 86 Herschel B. Flower, Fairbury, Nebr.	41	81.1	102.4	81.0	101.3	101.65
SCHUTZHOLM DIVIDEND DICTATOR 1111314 Paul Barfknecht & A. R. Schutz, Rice Lake & Dallas, Wis.	10	85.1	105.5	81.0	101.2	102.60
SIR KIL-BAR RE-ECHO 1230610 88 Cheatham Dairy, Laveen, Ariz.	11	83.9	105.3	81.8	100.2	102.10
STORM HILL PABST BURKE TILLMAN 1119231 84 C. W. & C. J. Larson & William P. Tomlinson, Portland & Wallingford, Conn.	10	80.7	101.0	79.9	98.0	101.00
TAYLAKER ORMSBY GETTIE THUNDER 1141166 82 Oregon State College, Corvallis, Oreg.	28	82.1	102.7	81.6	102.0	102.50
WIS SUPREME SYMBOL 1273720 90 Dunn County Hospital, Menomonie, Wis.	11	83.4	105.8	81.9	103.3	103.65

SILVER MEDAL PRODUCTION SIRES

Name of Bull and Owner		No. Pairs	No. Rec.	Daus. Avg. Milk	Daus. Avg. %	Daus. Avg. Fat	Dams Avg. Fat	Daus. Avg. Required
ALBERTVILLE PRIDE BANNER 1193104 Chris C. Jensen, Colfax, Wis.		12	16	15587	3.86	601	403	485
ALOISI FARM PRINCE BLACKY 1203806 Leo Aloisi, Northampton, Mass.	80	11	19	14811	3.61	535	489	527
B D I EMPAULINE ANTON 1183302 Dairy Cattle Research Branch ARS., Washington, D. C.	78	12	16	15744	3.70	582	585	575
BISHOP MIKE PRILLY GEORGE 1165389 Carlton E. & Barbara B. Greenwood, Westminster, Vt.	85	10	33	15197	3.85	585	572	569
BREEZEWOOD CHAMPION 1247237 Michigan Artificial Breeders Co-op., Inc., East Lansing, Mich.	82	20	25	17492	3.90	683	622	589
BUDD FARM MASTER ADMIRAL 1239752 Howard Penrose & Sons, Clare, Mich.		16	17	15708	3.77	592	547	556
BURRILANE RAMBLER MADCAP 1212344 George L. Burri, Nampa, Idaho	89	14	20	15339	4.11	631	594	580
CARNATION MADCAP FANCY DAN 1152236 Evergreen Northwest Breeders, Inc., Burlington, Wash.	85	15	22	14234	3.71	528	451	508
CHASEHOLME DEEN PRIDE 1221490 H. C. Thrall & Sons, Inc., Windsor, Conn.	82	13	19	14239	4.14	589	550	558
CHEMCO DEAN SEGIS 1049547 New York Artificial Breeders Co-op., Inc., Ithaca, N. Y.		40	59	15169	3.61	547	545	540
CLOVERBROOK LEADER 1225191 Jay Slater, Olin, Iowa	85	15	16	15599	3.83	597	612	589
DANBORO HULRWOOD IKE 1193612 Frank H. Goodyear, Danboro, Pa.	85	15	23	15404	3.66	564	529	547
ELMER BROOK AUTOCRAT HOMESTEAD 1218949 Howard W. Smith & Iowa Breeders Co-op., Maynard & Des Moines, Iowa	81	10	19	15147	3.74	567	563	564
GRAY VIEW BURKE PICADILLY 1167512 Luck Bros., Ashland, Va.		10	15	15181	3.57	542	514	540
GRAY VIEW SKYLINER 1244845 Curtiss Improved Stud Service, Inc., Cary, Ill.	92	19	20	15979	3.70	592	555	560
HALO TRIUNE USORA PILGRIM 1220488 Henry Faryna, Perry, N. Y.	86	15	17	15607	3.72	580	569	567
HAWKEYE ORMSBY ROAMER GEM 1243810 Chester De Boer & Arend C. Wassink, Hull & Sioux Center, Iowa		14	16	14575	3.94	574	535	550
HAYS HISTORIAN 1216386 Roger Jessup Farms Artificial Breeding Service, Artesia, Calif.	87	10	19	13482	4.18	563	560	563
HICKORYVALE PRINCE ADMIRAL 1194779 Walter B. Coblentz & Son, Jefferson, Md.		12	22	14168	3.76	533	474	520
JONESTER NIG ORMSBY FEMCO 1066707 John P. Case, Naperville, Ill.	81	11	24	13940	3.98	555	520	543
KENFRED MASTER ORMDYKE FLASH 1205076 Kenneth & Wilfred Lehman, West Liberty, Ohio	80	15	19	14445	4.22	610	649	607
LORD GYPSIE AAGGIE 1266837 B. J. Huseby, Adams, Minn.	80	16	18	14181	3.66	519	462	514
LOS ROBLES ORMSBY SIR PAT 1236850 Frank Hopkins, Gilroy, Calif.	87	16	18	16037	3.47	556	541	553
LOS ROBLES PEPPER DARKIE 1187309 State University of Agriculture, Engineering & Science, State College, N. Mex.	87	30	42	14591	3.51	512	459	502
M A A CREAMELLE KORNDYKE 1197893 Karl Joe Faessler, Silverton, Oreg.		13	20	15638	3.98	622	528	547
MARLOW REGAL ROBURKE GOLDIE 1188384 Geier Farms, Ortonville, Minn.	83	10	18	17433	3.73	650	542	554
MAVIEW VERNON PILOT 1246708 Wallace M. Patch & Sons, Lebanon, N. H.	88	19	26	16425	3.90	641	528	547
MEISEGEIER JUDGE VAR 1216409 Clinton Stock Farm, Inc., Barron, Wis.	83	26	36	13368	3.67	491	426	491
MEISEGEIER SCOTTY HILARY 1231149 Clinton Stock Farm, Joseph Keuler, Jr., Keuler Farms & Clarence Brill, Barron, Kiel, Chilton & New Holstein, Wis.		12	18	17757	3.63	645	546	556
MELODY MASTER PRILLY DON 1222415 T. H. Breyley, Wellington, Ohio		15	23	13534	3.85	521	425	495
NOCKDAIR PABST LEADER 1249423 Jake Zarnowski & Clarence Zarnowski, Newton & Halstead, Kans.	88	18	19	13446	3.96	532	496	531
OSBORNDALE ORMSBY QUALITY 1216262 J. Sherwood Edwards, Bridgeport, Conn.		11	17	14215	4.10	583	487	526
PABST CYCLONE 1215958 Pabst Farms, Inc., Oconomowoc, Wis.	88	29	34	14976	3.71	555	546	551
PABST JEWEL 1215446 H. M. Gans, Gans, Pa.	91	10	16	15544	3.91	607	589	577
PABST LEADER DUKE 1249424 Pabst Farms, Inc., Oconomowoc, Wis.	90	15	15	16066	3.60	578	541	553
PABST RAVEN COMET 1203713 Ohio Soldiers' & Sailors' Orphans' Home, Xenia, Ohio	85	13	17	14606	3.80	555	543	554
POESTENKILL MARATHON PRINCE 1079951 Farnham W. Smith & John H. Holser, Carlisle, Mass. & Troy, N. Y.		10	29	14595	3.80	555	471	518
RAG APPLE SOVEREIGN TEXAL 1210286 Central Ohio Breeding Assn., Columbus, Ohio	85	15	18	15939	3.79	604	581	573
RAINBOW CAPTAIN SIR BESS BOLD 1206039 Maine Breeding Co-op., Augusta, Maine	83	11	20	14295	3.78	541	506	536
RIEHLHOLM EDA ORMSBY DEAN 1163116 New York Artificial Breeders Co-op., Inc., Ithaca, N. Y.		11	16	14340	3.81	547	480	523
ROMANDALE LUCKY SHAMROCK 1256340 Edgar Bennett, Claude Bennett & Paul Birdsall, Victor, Kent & Holcomb, N. Y.	88	17	17	15410	3.52	543	508	537
ST CROIXCO P J FORWARD 1194661 American Breeders Service, Chicago, Ill.		10	22	18932	3.75	710	632	599
SANGARD FLOWER JO BURKE 1238933 Herschel B. Flower, Fairbury, Nebr.	86	21	26	13472	4.19	564	527	541
SHAWS CRETE TIDY FERN SIDE 1203238 Raymond & Maurice Keene, Glen W. Torrey & Robert D. Waterman, Auburn & Sabattus, Maine	83	11	15	14893	3.93	585	560	563
SIR HOLMESTEAD PABST SYNA JET 1134331 D. V. Holmes & Son, Kankakee, Ill.	87	21	35	14832	3.68	546	506	531
SKOKIE GOOD JEWEL 1235075 Fred Plocher & Sons, Woodland, Calif.		12	16	14053	3.88	545	513	539
SLEEPY HOLLOW DUSTY JO BEAUTY 1157340 Sleepy Hollow Certified Milk Co., Inc., Petaluma, Calif.	87	11	17	15134	3.76	569	506	536
SPRUCELEIGH MONOGRAM RAG APPLE 1119686 Western Pennsylvania Artificial Breeding Co-op., Clarion, Pa.	86	18	24	14829	3.97	588	490	528
SRD TEXAS BEAUTY CHIEF 1215610 S. R. Donaho, Jr., Floresville, Texas	86	11	18	15032	3.71	557	474	520
SUNNYDALE PROSPERITY DELMASTER 1198830 Campbell Bros., Homeworth, Ohio		20	25	13927	3.62	504	425	490
TAYLAKER PROSPECT 1153997 Northwest Co-op. Breeders Assn., Mount Vernon, Wash.	87	11	15	15978	3.59	574	493	529
TAYSON LOCHINVAR WAYNE 1182851 Michael & Robert S. Taylor, Whitney Point, N. Y.	83	13	20	13676	3.80	520	425	495
TEXAL LOCKHAVEN LUCIFER 1165012 H. Wayne Locke, Lemasters, Pa.	85	13	32	14587	4.13	602	571	568
TRUNLAN FOBES BURKE MAX 1245364 Trunlan Farm, Millerton, N. Y.	87	16	18	14143	3.75	531	461	513
UNEEDA PICA PRINCE 1121706 Northern Ohio Breeders Co-op., Inc. & United Breeders, Inc., Tiffin, Ohio	85	21	24	14161	3.94	558	513	534

SILVER MEDAL PRODUCTION SIRES (Con't.)

Name of Bull and Owner	No. Pairs	No. Rec.	Daus. Avg. Milk	Daus. Avg. %	Daus. Avg. Fat	Dams Avg. Fat	Daus. Avg. Required
WILLARDS DEAN BURKE 1230783 Willard Nehls & George Brennand, Juneau & Oshkosh, Wis.	16	18	15503	3.73	579	523	544
WIL-RU SUPERIOR 1226448 90 W. C. Wright, Williamston, Mich.	14	17	14940	4.09	611	574	570
WIS BLEND 1226862 86 NOBA, Inc., Tiffin, Ohio	17	19	18318	3.62	664	571	568
WIS IDEAL 2D 1226861 89 Wallace N. Lindskoog & Edward Johnson, Turlock & Modesto, Calif.	20	23	17107	3.48	595	591	573
WIS RAVEN CYCLONE 1241487 86 Irving Sherman, Avon, Conn.	19	20	15993	3.56	569	524	545

GOLD MEDAL SIRES

BUDD FARM MASTER ADMIRAL 1239752
Howard Penrose & Sons, Clare, Mich.
CHASEHOLME DEEN PRIDE 1221490 82
H. C. Thrall & Sons, Inc., Windsor, Conn.
GRAY VIEW SKYLINER 1244845 92
Curtiss Improved Stud Service, Inc., Cary, Ill.
LANGE ROMASTER TRIUMPH 1137410
Duane Hoffman, Black River Falls, Wis.
LOS ROBLES ORMSBY SIR PAT 1236850 87
Frank Hopkins, Gilroy, Calif.
LOS ROBLES PEPPER DARKIE 1187309 87
State University of Agriculture, Engineering & Science, State College, N. Mex.
MAVIEW VERNON PILOT 1246708 88
Wallace M. Patch & Sons, Lebanon, N. H.
RAG APPLE SOVEREIGN TEXAL 1210286 85
Central Ohio Breeding Assn., Columbus, Ohio

GOLD MEDAL SIRES

ROMANDALE LUCKY SHAMROCK 1256340 88
Edgar Bennett, Claude Bennett & Paul Birdsall, Victor, Kent & Holcomb, N. Y.
SANGARD FLOWER JO BURKE 1238933 86
Herschel B. Flower, Fairbury, Nebr.
STORM HILL PABST BURKE TILLMAN 1119231 84
C. W. & C. J. Larson & William P. Tomlinson, Portland & Wallingford, Conn.
TAYLAKER ORMSBY GETTIE THUNDER 1141166 82
Oregon State College, Corvallis, Oreg.
TEXAL LOCKHAVEN LUCIFER 1165012 85
H. Wayne Locke, Lemasters, Pa.
UNEEDA PICA PRINCE 1121706 85
Northern Ohio Breeders Co-op., Inc. & United Breeders, Inc., Tiffin, Ohio
WIS BLEND 1226862 86
NOBA, Inc., Tiffin, Ohio
WIS IDEAL 2D 1226861 89
Wallace N. Lindskoog & Edward Johnson, Turlock & Modesto, Calif.

GOLD MEDAL DAMS

			Rec.	Milk	Fat
CIRCLE L LAVACRES SEGIS DE KOL 2658134		85	11	14348	552
3117821	Lavacres Uniforum Sunshine	85	6	14053	521
3594895	Lavacres Dusty Jo Satin	87	4	13782	529
3735428	Lavacres Dusty Jo Sara	85	4	19034	708
3903736	Lavacres Var Sparkee	83	3	19625	613
	Lavacre Farms, Hughson, Calif.				
COUNTRY ROYAL JULE PIETJE 3497163		90	4	14660	550
3783131	Country Royal Mistress		1	12910	482
3948870	Lavacres Dusty Pietje	90	3	18211	664
4186647	Lavacres Dusty Pebble	81	2	16367	654
4380061	Lavacres Chal Patience	88	1	14816	583
	Lavacre Farms, Hughson, Calif.				
DIAMOND S PONTIAC B B PIETERTJE 2682011		82	3	17239	570
3392304	Lavacres Della Peaches	81	2	19181	607
3526409	Lavacres Dusty Jo Polly		1	17846	633
3735426	Lavacres Dusty Jo Pastel	82	1	19933	689
3903734	Lavacres Var Panny	87	3	17720	615
4080989	Lavacres Dusty Pinky	84	2	18854	705
	Lavacre Farms, Hughson, Calif.				
HOWACRES ORMSBY POLLY 2754364		85	7	18267	771
3154059	Howacres Rag Apple Nellie	85	6	13484	577
3303051	Howacres Rag Apple Pauline	82	4	15913	650
4223669	Howacres Lochinvar Pansy	82	2	13623	555
4483878	Howacres Homestead Paula		1	15815	733
1227587	Howacres Rag Apple Peter	79			
	James K. Howe & Son, Tunbridge, Vt.				

GOLD MEDAL DAMS

				Rec.	Milk	Fat
OCTORARO BARONESS MAY 2728655		92		5	18170	615
3145384	Fan-Mar Pietje Ormsby	84	L			
3305178	Fan-Mar Echo Mina	86		6	14534	534
3439361	Fan-Mar Spitfire Mona	85		6	11938	499
3616308	Irvington Mistress Mae	86		4	14117	485
4145047	Irvington Proud Manda	83		2	15449	542
4427319	Irvington Proud Maybelle	89		1	17351	659
1237057	Irvington Pride Admiral	92	ST			
	W. L. King, Gaithersburg, Md.					
PABST REGAL WAYNE 2669796		88		5	18338	683
2973773	Pabst Comet Regal Wayne	84		3	18046	687
4528696	Pabst Leader Duke Rewayne	83		1	22359	739
1104658	Pabst Jess Rewayne	81	GM			
	Pabst Farms, Inc., Oconomowoc, Wis.					
VALETTA PAYMAIDEN 2227224		87		3	13703	515
2482613	Rincon Valetta Paymaiden	77				
2724119	Rincon Paymaiden Romeo	82		4	14132	515
2805567	Rincon Paymaiden	82		5	15300	569
2881208	Rincon Paymaiden Ormsby	77		3	14224	533
3276944	Lavacres Della Marvel	86		4	17952	649
3464676	Lavacres Della Mystic	90		4	14229	550
	Lavacre Farms, Hughson, Calif.					
WIN-VIEW LAD CANARY BELLE 2926044		87		9	13542	472
3252457	Shetlars Tidy Belle Donna	83		6	14745	552
4130394	Shetlars Proud Canary Blossom	87		2	16466	581
4361907	Shetlars Tidy Canary Della	85		1	17080	608
4542104	Shetlars Ormsby Canary Ella	76				
	Luther Shetlar, Conway Springs, Kans.					

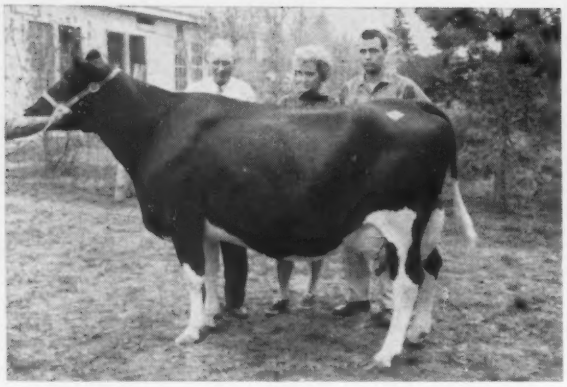
HERD CLASSIFICATION

Classification summaries are reported on 251 herds. The owner is accorded the privilege of surrendering certificates for cancellation if he wishes. Such animals are not included in the published summary.

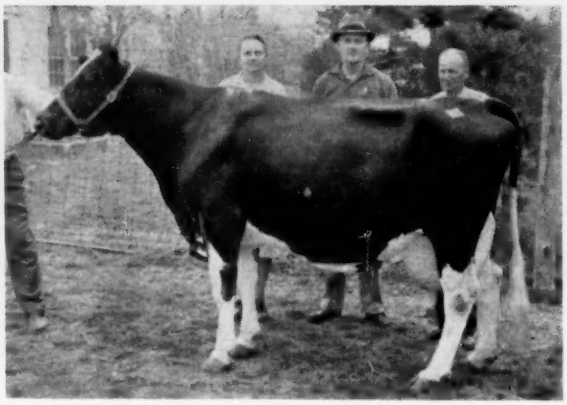
Owner	EX	VG	GP	G	F	P	Total	BAA%
Aldred, John R., Haymarket, Va.	0	2	25	26	4	0	57	98.9
Aldrich, J. Kirk, Westmoreland, N. H.	0	1	4	2	1	0	8	99.6
Allen, W. Henry, Hebron, Maine	0	0	9	7	0	0	16	100.2
Anderson, Herbert, Fillmore, Ill.	0	0	11	10	0	0	21	99.2
Andrew S. Rowan Memorial Home, Sweet Springs, W. Va.	0	0	5	5	2	0	12	98.9
Archbold, Mrs. Anne, Upperville, Va.	0	8	33	13	0	0	54	101.4
Arnott, J. Wheeler, Greenville, W. Va.	0	1	14	9	1	0	25	100.0
Bailey, Charles L., North Charlestown, N. H.	0	2	9	12	2	0	25	99.5
Bardwell, W. L., Jr., Keene, N. H.	0	2	13	9	0	0	24	100.8
Barrett, Evans H., Keene, N. H.	0	19	41	14	1	0	75	102.9
Bateman, Mr. & Mrs. Richard, Newmarket, N. H.	0	0	3	1	1	0	5	100.0
Bemis, Jacob E., & Son, Dexter, Maine	0	1	18	23	11	0	53	96.8
Benson, Mr. & Mrs. Alton, Jr., Gorham, Maine	0	6	27	14	0	0	47	102.5
Bierer, Susan, Winchester, Va.	0	0	1	0	0	0	1	105.0
Boggess, Griffin W., Lumberport, W. Va.	0	0	3	9	0	0	12	97.8
Boner, Carold W., Columbia City, Ind.	0	2	22	17	0	0	41	99.9
Bottema, Ray, Zionsville, Ind.	4	28	18	1	0	0	51	106.3
Bowman, J. T., & Sons, McGaheysville, Va.	0	7	31	16	2	0	56	101.4
Bridgham, Roland, Mechanic Falls, Maine	0	0	4	13	1	0	18	97.4
Briggs, H. C., & Son, Turner, Maine	5	25	42	9	0	0	81	104.8
Birkey, Dwight, Bunker Hill, Ind.	0	1	16	9	1	0	27	100.9
Birkey, Richard, Amboy, Ind.	0	2	3	9	0	0	14	100.2
Brooke, Donald V., Keyser, W. Va.	0	4	17	21	2	0	44	99.5
Brown, Woodrow W., Letart, W. Va.	0	0	6	12	3	0	21	96.7
Burkholder, Eli & Esther, La Grange, Ind.	0	1	15	11	1	0	28	99.9
Burton, David E., Calverton, Va.	0	0	5	9	1	0	15	98.1
Butters, Warren G., East Corinth, Maine	0	3	11	21	1	0	36	99.2
Buttolph, O. D., East Derry, N. H.	0	3	12	9	0	0	24	100.7
Calderwood, Frank, Union, Maine	0	1	4	9	0	0	14	99.6
Caldwell, Lawrence E., Turner, Maine	2	10	20	3	0	0	35	104.9
Campbell, Claybourne D. & Virginia C., Sinks Grove, W. Va.	0	2	10	8	0	0	20	100.7
Canby, Joseph O., Langhorne, Pa.	0	12	16	7	0	0	35	102.9
Cassette, Gerard G., Saco, Maine	0	1	13	10	1	0	25	100.0
Center Field Farm, Purcellville, Va.	0	5	29	25	3	0	62	100.0
Chambric Farm, Rockford, Ill.	8	20	11	0	0	0	39	108.3
Clayton, Lloyd G., La Porte, Ind. Maine	0	0	7	3	0	0	10	101.7
Clement, James P., & Son, Levant,	0	1	20	30	5	0	56	97.9
Coffman, Frank R., Harrisonburg, Va.	1	1	20	9	0	0	31	101.5
Combs, S.M. & Amos, Lewisburg, W. Va.	0	4	28	9	0	0	41	102.3
Cook, Bert L., Elkhart, Ind.	0	0	14	5	1	0	20	100.2
Cook, Earl A. & Glen E., Elkhart, Ind.	2	16	13	0	0	0	31	105.7
Cote, Robert R., Manchester, N. H.	0	3	13	5	1	0	22	100.8
Cowne, George K., Nokesville, Va.	0	0	6	16	6	1	29	96.0
Davis, Basil G. & Pearl S., Liberty District, W. Va.	0	1	6	8	0	0	15	100.0
Davis, C. L., Pittsfield, Maine	0	5	12	6	0	0	23	102.7
Day, Luther L., Midland, Va. Ind.	0	1	1	2	0	0	4	101.3
De Ath, Robert, & Sons, Veedersburg,	0	1	15	6	1	0	23	100.5
Deyerle Farm, Harrisonburg, Va.	0	3	17	8	2	0	30	99.6
Dick, Margie Ann, Chantilly, Va.	0	0	6	6	0	0	12	99.8
Eagle, Thomas V., Woodstock, Va.	0	1	20	29	1	0	51	99.3
Eikenberry, Glen C., Culver, Ind.	0	4	10	24	1	0	39	99.8
Eller, J. C., Culpeper, Va.	0	5	28	22	3	0	58	100.2
Ellingsworth, Harold, Jeffersonville, Ind.	1	7	22	8	0	0	38	102.3
Elmwood Farms, Lake Forest, Ill.	30	85	25	0	0	0	140	105.3
Emery, Hartley L., Jr., Berwick, Maine	0	0	6	10	5	0	21	96.5
Fairview Dairy Farm, Front Royal, Va.	0	0	0	7	1	0	8	95.0
Father Gibault School for Boys, Terre Haute, Ind.	0	0	8	11	2	1	22	96.8
Fenton, Dennis E., Andover, N. H.	0	0	6	30	8	0	44	96.4
Fisher, R. J., Gordonsville, Va.	0	6	25	20	1	0	52	100.0
Fisher, Walter H., Muncie, Ind.	0	15	30	13	0	0	58	102.9
Fogler, John P., Exeter, Maine	0	1	11	17	1	0	30	98.8
Fort Collier Farms, Winchester, Va.	0	2	49	30	6	0	87	99.5
Foster, Leslie A. & P.K., Cornish, N. H.	0	0	3	3	0	0	6	98.8

HERD CLASSIFICATION (Con't.)

Owner	EX	VG	GP	G	F	P	Total	BAA%
Fournier, Paul H., Saco, Maine	0	12	17	5	0	0	34	103.5
Frizzell, Robert T., Charlestown, N. H.	0	0	6	1	0	0	7	102.1
Frizzell, T. J., Charlestown, N. H.	0	3	24	11	0	0	38	101.3
Gangwer, Jesse R., & Son, Madbury, N. H.	0	5	12	5	2	0	24	101.1
Gardner, Hershel H., Mount Solon, Va.	0	0	8	6	0	0	14	100.8
Gawthrop, Harold & Carl, Etna Green, Ind.	1	2	13	2	0	0	18	103.7
Gerke, Benjamin F. & Lydia, Decatur, Ind.	0	1	18	20	4	0	43	98.2
Gingerich, Ezra, Millersburg, Ind.	0	2	10	4	1	0	17	101.6
Goff, F. S., & Sons, Hollis Center, Maine	0	4	24	6	0	0	34	102.7
Goodell, Roger N., Bangor, Maine	0	1	13	20	1	0	35	99.6
Goodell, Warren B., Bangor, Maine	0	0	7	10	1	0	18	99.2
Gordon, Paige K., Timberville, Va.	0	1	7	5	0	0	13	101.3
Greenbrier Military School, Lewisburg, W. Va.	0	6	18	14	0	0	38	101.2
Guthrie, Herman & John H., Muncie, Ind.	0	4	29	13	0	0	46	101.1
Haggett, Eben C., Damariscotta Mills, Maine	1	8	15	9	0	0	33	102.9
Hahn, Roger E., Nappanee, Ind. Va.	0	1	5	0	0	0	6	103.3
Hardesty, John O., & Son, Berryville,	0	6	38	11	0	0	55	101.7
Harlow, G. L., Culpeper, Va.	0	0	6	8	4	0	18	96.5
Harris, Gale R., Columbia City, Ind.	0	0	7	10	4	0	21	97.6
Harrison, William H., Chantilly, Va.	0	4	15	10	1	0	30	100.9
Harrus Stock Farm, Culpeper, Va. Va.	0	0	12	10	0	0	22	100.0
Hatch, P. C., & Sons, Fredericksburg,	0	8	26	5	1	0	40	102.3
Hawkins, Earl S., Culpeper, Va.	0	2	15	18	1	0	36	99.2
Hefty, Kenneth, Auburn, Ind.	0	1	7	6	1	0	15	99.9
Hein, Edward A., Crown Point, Ind.	0	5	14	4	0	0	23	102.5
Hemond, Roland E., Mechanic Falls, Maine	0	1	19	23	6	0	49	99.2
Hicks, C. E., Liberty District, W. Va.	0	0	2	12	1	0	15	98.0
Highlander Dairy Farms, Lowell, Ind.	0	9	34	21	5	0	69	99.8
Hilton, Franklin C., Norridgewock, Maine	0	2	15	9	2	0	28	100.3
Hochstedler, W. M. & Wilbur, Kokomo, Ind.	0	5	11	9	2	0	27	101.2
Hochstedler, W. & Willard, Kokomo, Ind.	0	3	12	12	2	0	29	100.5
Holmes, J. S., Belfast, Maine	0	2	10	22	9	0	43	97.1
Hood, Gilbert H., Jr., Derry, N. H.	0	5	32	52	14	0	103	97.8
Hooley, Marion M., Goshen, Ind.	0	3	9	3	0	0	15	102.0
Hoover, Warren, Goshen, Ind.	0	0	13	12	1	0	26	98.6
Hope, Ronald A., Purcellville, Va.	1	12	40	16	0	0	69	102.7
Hunt, John A., Culpeper, Va. Maine	0	2	22	24	3	0	51	99.3
Hunter, John A., North Fryeburg,	0	0	3	3	0	0	6	100.9
Hunter, Robert L., Antioch, Ill.	8	20	27	3	0	0	58	106.1
Hurd, Vaughn E., Thorndike, Maine	0	9	38	26	4	0	77	100.7
Irving, Kenneth, Caribou, Maine	0	3	13	6	3	0	25	99.6
Jocinah Farms, Marion, Ind.	0	6	30	15	0	0	51	100.9
Johnson, Chester M., Kittery, Maine	0	2	12	18	0	0	32	99.9
Johnston, Leon M., Jefferson, Maine	0	0	5	5	0	0	10	99.2
Jolicoeur, Antonio, Manchester, N. H.	0	1	11	12	5	0	29	98.0
Jones, C. K., Cottonwood Falls, Kans.	1	6	28	17	0	0	52	101.8
Jones, Wilbur H., East Lebanon, Maine	0	0	12	4	0	0	16	100.4
Keene, Raymond & Maurice, Auburn, Maine	1	8	19	19	0	0	47	102.1
Keeney, Myron & Glen, Lowell, Ind.	0	4	7	9	1	0	21	100.3
Kenyon, K. P., Jefferson, N. H.	0	0	3	3	0	0	6	99.0
Kidd, Earl W., Maxwelton, W. Va.	2	17	16	10	1	0	46	103.5
Kitson, Monroe, Columbia City, Ind.	1	4	10	2	0	0	17	103.7
Kline, Maurice E., Goshen, Ind. Ind.	0	0	7	10	0	0	17	100.8
Lamb, Charles E., & Sons, Greentown, Ind.	1	7	21	7	0	0	36	102.5
Law, Chester K. & Martha, Needham,	0	0	5	11	0	0	16	98.8
Lawson, Richard & Walter DerJue, Westmoreland, N. H.	0	16	28	6	1	0	51	103.1
Leavitt Farms, Turner, Maine	0	0	7	5	2	0	14	98.4
Liechty, Rolandes, Berne, Ind.	0	5	12	4	0	0	21	103.3
Lindborg, W. M., Union Mills, Ind.	0	1	24	32	6	0	63	98.5
Logan, William H., Woodstock, Va.	0	4	36	21	2	0	63	100.2
Luck Brothers Farms, Ashland, Va.	1	28	55	33	1	0	118	101.9
Ludwig, Clarence, Breda, Iowa	1	13	12	3	0	0	29	104.2
Lundale Farm, Oak Hill, W. Va.	0	6	37	23	2	0	68	101.0
Macy, A. Martin, Locust Dale, Va. Ind.	0	5	24	25	0	0	54	100.0
Maginot, George & Joseph, Crown Point, Maine	0	4	21	13	6	0	44	100.1
Maine Breeding Co-op., Inc., Augusta,	0	4	6	1	0	0	11	104.3
Mallary Farm, Bradford, Vt.	3	30	38	5	0	0	76	105.1
Mansfield, Mark, No. Manchester, Ind.	0	6	15	5	0	0	26	103.1
Mapleacres Farm, Kimmell, Ind. Ind.	0	6	13	10	0	0	29	102.0
Marrs, George Raymond, Terre Haute,	0	0	6	11	0	0	17	98.3
Marstaller, Frank, Lisbon Falls, Maine	0	0	5	9	0	0	14	99.3
Mathias, John R., Larwill, Ind.	1	0	3	0	0	0	4	105.9
Mazelin, Benjamin D., Berne, Ind.	0	0	10	3	0	0	13	101.7
McMaster, Donald C., Derry, N. H.	0	3	19	9	0	0	31	101.7
Medsker, Carl W., Sullivan, Ind.	0	7	20	15	0	0	42	101.4
Meeker, Ivan, Burnettsville, Ind.	3	13	12	2	0	0	30	106.1
Meinzer, Miami E., Catlett, Va.	0	0	3	4	2	0	9	97.4
Merrill, H. H., Littleton, N. H.	0	0	7	11	0	0	18	98.6
Michael, Jerry, Arlington, Va.	0	0	13	23	2	0	38	98.6
Middleton, John, Herndon, Va. Va.	0	2	15	14	0	0	31	99.6
Middleton, W. D. & Ben P., Herndon,	2	5	17	7	1	0	32	102.1
Miller, Leo D. & Ruth I., Kendallville, Ind.	0	2	11	5	0	0	18	101.8
Miller, Theodore E., Liberty District, W. Va.	0	1	10	7	1	0	19	100.3
Mineral Spring Farm, South Windham, Maine	0	3	14	7	0	0	24	100.8
Montgomery, Guy B., Ronceverte, W. Va.	2	16	30	5	1	0	54	103.6
Moulton Farms, Charles Town, W. Va.	0	5	42	26	3	0	76	100.1
Mount Vernon Stock Farm, Sperryville, Va.	0	0	22	31	7	0	60	97.5
Moyer, Burlist, & Sons, Greensfork, Ind.	1	9	24	7	0	0	41	103.1
Myers, James E., South Bend, Ind.	0	1	9	13	2	0	25	98.7
Myers, Margaret L., Harrisonburg, Va.	0	6	21	10	0	0	37	101.8
Nelson, Robert A., La Porte, Ind.	1	7	11	3	0	0	22	104.1
New Jersey Agricultural Experiment Station, Sussex, N. J.	1	27	51	12	0	0	91	103.3
Newman Brothers & John A. Newman & Sons, Culver, Ind.	0	6	1	0	0	0	7	
Newman, John A., & Sons, Culver, Ind.	2	24	45	12	0	0	83	103.4
Nichols, Edward E., Purcellville, Va.	0	0	3	18	4	0	25	97.0
Nutter, Fred J. & Robert, Corinna, Maine	7	40	64	1	0	0	112	105.3
Oak Green Farm, Culpeper, Va. W. Va.	0	6	43	29	2	0	80	100.0
Oldtown Farm, Inc., Point Pleasant,	0	4	34	34	7	0	79	98.7
Osborn, Leland J., Pierceton, Ind. Va.	0	9	16	5	0	0	30	103.2
Ott, M. B., Jr. & Frank C., Bealeton,	0	4	30	26	5	0	65	99.2
Parish, John & Alberta, Estherville, Iowa	0	2	10	2	1	0	15	100.9
Patch, Wallace M., & Sons, Lebanon, N. H.	2	22	29	5	0	0	58	104.7
Paul, Nelson J., & Sons, Goshen, Ind.	0	10	18	6	1	0	35	102.6
Peabody Farm, Hancock, N. H.	0	2	13	16	1	0	32	99.6
Peck Brothers, Herndon, Va.	0	5	12	13	1	0	31	100.6
Perrin, Duley, Jeffersonville, Ind.	0	0	22	22	2	0	46	99.2
Perry, N. Searle, Bangor, Maine	0	0	19	35	3	0	57	98.5
Peters, Lacy W., Catlett, Va.	0	0	7	10	2	0	19	98.4
Phillips Maple Lawn Dairy, Buckhannon, W. Va.	0	5	25	20	0	0	50	100.7
Pierson, Jane R., Fredericksburg, Va.	0	1	1	2	0	0	4	101.6
Pinecrest Sanatarium, Beckley, W. Va.	0	1	14	10	4	0	29	99.5
Plum, Francis E., Walpole, N. H.	0	4	23	23	3	0	53	99.1
Potter, C. T., Jr. & B. H., East Lebanon, Maine	0	0	7	21	6	0	34	96.9
Puelicher, A. S., Jr. & Sr., Lincoln, Va.	0	10	51	22	0	0	83	101.7
Putnam, William, & Son, Haverhill, N. H.	0	5	17	8	0	0	30	101.1
Rand, Beverly P., Sherman Mills, Maine	0	7	28	19	0	0	54	101.6
Reiff, Russell G. & Harold, Burnettsville, Ind.	1	6	22	24	0	0	53	101.0
Ribordy, Floyd, & Son, La Porte, Ind.	0	2	11	7	0	0	20	101.2
Ribordy, Howard J., La Porte, Ind.	0	9	21	5	0	0	35	103.7
Richard, Arthur J., & Sons, Suncook, N. H.	1	8	39	24	3	0	75	101.3
Rich-Lou Farms, Vernon Bucher & Sons, Union Mills, Ind.	2	11	20	4	0	0	37	104.1
Rockingham County Home & Hospital, Epping, N. H.	0	9	31	14	0	0	54	102.0
Ross Corner Dairy, Derry, N. H.	0	3	15	6	0	0	24	101.4
Roth, I. S., Goshen, Ind.	1	4	24	5	0	0	34	102.2
Round Top Farms, Damariscotta, Maine	0	1	11	18	4	0	34	98.2
Rutt, George A., Stevens, Pa. Ind.	1	9	30	10	1	0	51	103.0
Schrock, Alice & Herman, Mishawaka,	1	4	13	2	1	0	21	103.7
Schroer, Max R., Bowling Green, Ind.	0	2	6	9	4	0	21	97.6
Seward, Forrest F., East Troy, Wis.	3	10	24	14	1	0	52	101.7
Shaker Hill Farm, Alfred, Maine	0	2	12	16	1	0	31	99.9
Shank, John D., McGaheysville, Va.	0	0	9	9	1	0	19	98.6
Shapiro, Alex, Bedford, N. H.	0	10	48	23	0	0	81	101.7
Shaw, Harold J., Sanford, Maine	5	26	51	7	0	0	89	104.4
Shelby, Mary Mildred, Waynetown, Ind.	0	0	17	12	1	0	30	100.0
Short, Myron C., Millersburg, Ind.	0	1	13	5	2	0	21	101.3
Shur, Jacob, Island Falls, Maine	0	3	32	22	0	0	57	101.0
Smith, Bryant O'B., Jr., Culpeper, Va.	0	1	3	5	0	0	9	99.4
Smith, C. G., & Sons, Fairfield, Va.	0	11	38	22	2	0	73	101.0
Snake Hill Farm, Middleburg, Va.	0	0	22	34	8	0	64	98.1
Sonifrank, Edward L., McGaheysville, Va.	0	1	12	17	1	0	31	99.0
Sowers, Frank C., Berryville, Va.	0	1	1	4	0	0	6	100.0
Spangler, H. A., Harrisonburg, Va.	0	0	18	33	5	0	56	98.1
Sprague, Howard D., Purcellville, Va.	0	4	25	18	3	0	50	99.9
Sprague, Raymond A., Hillsboro, N. H.	0	14	16	9	0	0	39	103.6
Spurgeon, Jesse, Winamac, Ind.	0	5	14	9	1	0	29	101.7
Stahly, Chris, Geneva, Ind.	0	3	16	13	1	0	33	100.3
Standish, Alexander, Canterbury, N. H.	0	3	28	16	2	0	49	100.2
State Reformatory for Men, South Windham, Maine	0	0	5	14	0	0	19	98.6
Stevenson & Walter, North Salem, Ind.	0	10	32	9	0	0	51	102.6
Stickney & Chadbourne, Harmony, Maine	0	0	3	0	0	0	3	102.6
Stiles, W. G., & Sons, Rochester, N. H.	0	2	10	16	0	0	28	99.2
Stoddard, Frederick A., North Haverhill, N. H.	0	1	8	6	0	0	15	99.5
Stookey, Emra G., Milford, Ind.	3	13	15	2	1	0	33	105.3
Strawn, George W., Triadelphia District, W. Va.	0	0	7	11	2	0	20	98.3
Strawn, Harold R., Triadelphia District, W. Va.	0	2	9	15	0	0	26	99.5
Stuckman Brothers, Albion, Ind.	0	9	14	5	0	0	28	104.0
Stump, James E. & Hal, Kimmel, Ind.	0	3	5	1	0	0	9	103.9
Sunnyslope Farm, Purcellville, Va.	0	2	10	14	1	0	27	99.7
Sutphin, Ned & Florence, Chantilly, Va.	0	0	3	4	1	0	8	96.9
Tillett, Edgar R., Arcola, Va.	0	0	2	15	2	0	19	95.9
Torrey, Glen W., Auburn, Maine	0	1	11	8	1	0	21	100.2
Trenis, E. M., Jr., Catlett, Va.	1	4	18	13	0	0	36	100.4
Ummel, John, Elkhart, Ind.	0	7	13	12	0	0	32	101.5
University of Maine, Orono, Maine	0	3	24	9	0	0	36	101.8
University of New Hampshire, Durham, N. H.	2	16	25	2	0	0	45	104.4
Walker, Frank S., Orange, Va.	0	8	63	25	0	0	96	100.9
Walker, Mrs. F. S. & Frank S. Walker, Jr., Orange, Va.	0	3	24	18	0	0	45	100.4
Walker, William E., Shenandoah Junction, W. Va.	0	3	14	22	0	0	39	99.9
Wampler, John B. & Nelson S. Gardner, Bridgewater, Va.	0	1	22	10	2	0	35	100.8
Waterman, Robert & Donald, Sabattus, Maine	0	8	22	15	0	0	45	101.7
Weaver, James A., Jr., Culpeper, Va.	0	1	16	22	5	0	44	98.2
Welch, Henry P., Manchester, N. H.	0	18	17	3	0	0	38	105.3
Weldy, Harold C., Wakarusa, Ind.	1	2	17	6	0	0	26	102.2
West Virginia University, Morgantown, W. Va.	1	9	12	2	0	0	24	104.6
White, Norman & Carl, Springvale, Maine	0	4	18	24	5	0	51	99.3
Wiley, Arthur N., & Sons, Lebanon, Ind.	7	19	14	0	0	0	40	106.6
Willis, E. T., Culpeper, Va.	0	5	27	32	6	0	70	99.1
Willis, John M., Culpeper, Va.	0	1	13	21	1	0	36	98.9
Willowlyn Farms, Catlett, Va.	1	10	49	31	0	0	91	101.4
Wilson Farms, Cumberland Center, Maine	0	7	33	13	0	0	53	101.1
Wolfe, Cora Sue, Winchester, Va.	0	0	2	2	0	0	4	100.4
Wolfe, Haven M., Winchester, Va.	0	0	12	17	5	0	34	98.3
Wolfe, Patsy, Winchester, Va.	0	1	0	0	0	0	1	105.2
Wullman, Harry, & Son, Berne, Ind.	0	1	9	2	0	0	12	102.8
Wyman, Earl C., Augusta, Maine	0	0	8	14	0	0	22	98.5
Yoder, Allen, Jr., Middlebury, Ind.	0	3	18	16	0	0	37	100.3
Young, Carroll E., Gorham, Maine	0	2	11	19	2	0	34	98.6
Zajac, Walter, Liberty District, W. Va.	0	0	2	5	1	0	8	95.2



CAERNARVON RUBY CURTISS CANDY (VG-87)
$1625, second high selling female at Greenwood Farm Sale. From left: J. O. Canby, owner; Carol Kennedy, Philadelphia and Robert Johnson, buyer, Wyckoff, N. J.



MEADOWS SPRINGS DUNLOGGIN PABST (VG-88)
$1450, fourth high selling female at 11 years of age. A daughter of Dunloggin Follow On. From left: Mr. and Mrs. Alpheus Ruth, Fleetwood, Pa., buyers; and J. O. Canby, owner of Greenwood Farm.

GREENWOOD SALE (From page 22) although Richard Hall, Clyde, N. Y., represented by his father, Maynard, bought three for a total of $1925.

Seven blemished cows remained at Greenwood as a nucleus for a new herd.

The weather cooperated beautifully both for the sale and for the open house the day before at which a delicious buffet luncheon was served surrounded by the gracious hospitality of Mrs. J. O. Canby.

The list of the $500 or over animals and their buyers follows. — R. M. M.

Southeastern Penn. A. B. C., Lancaster, Pa.
(M) Mistyvale Master Duke (2-58) $4000
Berwick Creamery Farm, Berwick, Pa.
Greenwood Lady Shirley (10-55) .. 2000
Robert H. Johnson, Wyckoff, N. Y. (2)
Caernarvon Ruby Curtiss Candy (10-53) 1,625
Sr. Guida Di Telia, "Los Nogalas" Buenos Aires, Argentina, S. A.
Greenwood Lady Shira (6-57) 1500
Greenwood Mistress Pearlette (10-54) 1225
Greenwood Gay Ruby (9-60) 1000
Greenwood Mistress Madam (3-54) 950
Greenwood Lady Della (7-57) ... 750
Alpheus L. Ruth, Fleetwood, Pa.
Meadow Springs Dunloggin Pabst (2.50) 1450
James O. Reed, Reedsville, Pa.
Greenwood Gay Daisy (11-60) ... 1225
Frank L. Stewart, Jr., Latrobe, Pa.
Greenwood Lady Beauty (2-58) .. 1050
Charles A. Koontz, Jr., Bedford, Pa.
(M) Greenwood Matador (8-60) .. 1025
Col. John C. McLean, Warwick, N. Y.
Greenwood Della Shirley (3-59) 1000
E. Owen Pool, Clarksboro, N. J.
Greenwood De Ormsby Beauty (10-55) 1000
J. Merton Van Sant & Sons, Doylestown, Pa. (2)
Greenwood Della Buff (6-59) 1000
George B. Morgan, Westfield, N. J.
Greenwood Melody Queen (5-55) 925
Virginia H. Armstrong, Columbus, N. J.
Greenwood Lady Tidy (Twin 1-58) 900
Richard Hall, Clyde, N. Y.
Greenwood Della Shira (8-59) ... 800
Greenwood Lady Gracious (12-57) 600
Greenwood Della Tish (1-59) 525
John T. Martin, Jr., Portage, Pa.
Greenwood Lady Sheba (9-58) ... 800
Carl R. Slater, Langhorne, Pa.
Greenwood Lady Edith (10-56) 775
Greenwood Wonder, Edith (1-59) 750
David H. Reed, Washington Crossing, Pa.
Greenwood Ivy Sheba (3-55) 775
Merlin W. Smith, Augusta, N. J.
Greenwood Lady Cemerald (8-57) 750
Greenwood Lady Sheila (8-58) .. 600
Rowland Worthington & Son, Doylestown, Pa.
Greenwood Lady Mollie (8.57) ... 750
Wm. Bush, Bangor, Pa.
Greenwood Duchess Maiden (4-60) 750
Greenwood Duchess Queen (11-59) 500
Wm. Bush, Jr., Bangor, Pa.
Heifer calf by Greenwood Duchess Pearlette (12-60) 700
Greenwood Gay Ruth (10-60) 700
Marvin M. Peregoy, Hampstead, Md.
Greenwood Lady Crescent (8-55) 700
John A. Roebuck, Walden, N. Y.
Greenwood Mistress La Shira (11-60) 650
James L. Howes, Newtown, Pa.
Greenwood De Ormsby Maiden (12-56) 650
Jonas Gruver, East Berlin, Pa. (2)
Brigeen Liza Clara Lass (7-59) 650
Christian S. Petersheim, Ronks, Pa. (3)
Greenwood Della Shirett (8-59) .. 600
Brigeen Liza Dora (7-59) 500
David E. Stoltzfus, Honey Brook, Pa.
Greenwood Lady Tanya (11-55) 575
Clarence L. Keener, Manheim, Pa.
Greenwood Lady Ruth (8-57) ... 575
Enos Esh, Gordonville, Pa.
Greenwood Lady Neatness (Twin 1-58) 550
John E. Esh, Ronks, Pa.
Greenwood Wonder Bess (12-58) 525
Ralph Samuel, Ivyland, Pa.
Greenwood Wedith (3-60) 500
Wilbur C. Hiestand, Salunga, Pa. (2)
Greenwood Gracious Adella (2-53) 500

The Snohomish County (Washington) Holstein Club is sponsoring the first Black & White Show to be held in Western Washington during recent years. This is to be an annual event called the Western Washington Black & White Show. This year it will be held Saturday, June 3, in Monroe, Wash., at the Northwest Evergreen Fairgrounds with Darrell Kerby as judge. There is a great deal of enthusiasm for and interest in the show and the way the Snohomish County breeders are moving it promises to be an exceptional event. — Fieldman Ed Soper.

DUNLOGGIN BLOODLINE

Rag Apples and Dunloggins at Poplar Point Farm

American Rag Apples

SENECA FALLS, NEW YORK
E. R. SMITH, Owner
Acc. - Cert. - On Rt. 89, 6 miles south of Seneca Falls

Letters - -

IN COMPLETE AGREEMENT

As a young breeder and sincere student of the breed I was pleased to read the discussion of our classification program by the widely recognized authority, Dr. Ed Harrison, in the March 25, 1961, **World.** I find myself in complete agreement with his thoughts as I have felt this way for several years.

In these fast moving modern times I feel that our "breed of the times" should keep up with the changes of time. One of these changes could be to upgrade the classification program by plugging up one of its biggest loopholes.

I believe that the Guernsey breed has a program similar to the one that Dr. Harrison suggested. I recall a visit I made to a Guernsey herd in Webster, N. Y. In the herd was one cow that impressed me very much. She was about 12 years old at the time and had several outstanding records, but more impressive was her classification score. She had been classified six times by several inspectors. The last five of these she rated EX-90, EX-91, EX-92, EX-90, EX-91, and she looked every part of the Excellent rating she was carrying that year.

Another thought in favor of changing the program would be that by classifying every animal there would be an increase in revenue.

J. Lincoln Morris
Dunrobin Farms
Andover, Ohio

IT IS WONDERFUL

I have received the Brood Cow Issue of the **World**: it is wonderful.

You know how I always admired the work you do in your magazine; that I consider that every edition is a model of publication, but to congratulate you for this magnificent effort, sincerely, I can't find words . . .

As I know that I can rely on your consent with anticipation, I hope to reproduce some of the interesting works you publish, in my magazine **Holando-Argentino.**

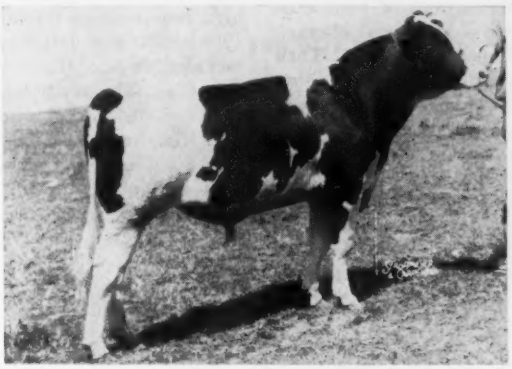
I wish again to congratulate you and the wonderful personnel which form the great family of the **World** and that make it possible to do something so exceptional as "The Brood Cow Issue."

C. Alberto Lozano
Editor, Holando-Argentino
Buenos Aires, Argentina

It is all sunshine that makes a desert.—Arabian proverb.

Our Four-Year-Old Son of Pabst Reburke Duke (GM) for Sale

We have decided to sell one of our Junior Sires as we have four bulls and have housing for only three.



HARDEN FARM ABBEYVALE REBURKE (VG at 3y)
(pictured at 18 months)

Harden Farm Abbeyvale Reburke (VG), son of Pabst Reburke Duke and Abbeyvale Pledge Osborndale "Excellent," is the sire selected to go, as he has 10 daughters milking in our herd and their production is outstanding enough to attract buyers that would like a young bull that will be proven within a year.

We have around 50 daughters of "Reburke" here on the farm for your inspection.

His first 10 daughters all milked between 40 & 50 pounds daily, all as 2-year-olds. They are making very creditable first calf records.

His dam has the following records:

6y	305d	3X	19,220 M	3.7%	713 F
5y	305d	3X	17,670 M	3.9%	698 F

As you can see from his picture, he is very well marked. He is gentle and an excellent breeder.

If anyone is interested in buying a few of his daughters with him, we would be very pleased to arrange it.

Please write for pedigree and price, or, if you are near, stop in and see him.

A "Progressive Breeders Registry" Herd

TRUNLAN FARMS

Certified — Vaccinated — Accredited

Miss CECILIA A. TRUNZ, Owner **MILLERTON, N. Y.**

EVERETT A. JONES, Manager

★ The Correction Herd ★

We have entered eight (8) heifers in the Wisconsin Breeders Sale at Watertown, Wisconsin on June 3, 1961. They range in age from December 1959 to April 1960. They are all vaccinated. One is a daughter of Wis Captain (EX-GM) and from a 500-lb. fat dam. We have also entered a nine (9) months old bull calf.

MALES and FEMALES FOR SALE
D.H.I.A. and H.I.A. RECORDS

Farm located at South 68th and Highway 100 — Milwaukee County

MILWAUKEE COUNTY HOUSE OF CORRECTION

8885 South 68th Street **Hales Corners, Wisconsin**

JOS. B. DREWNIAK, Superintendent **I. Benson, Farm Supt.**

ANNUAL REPORT (From page 27)

In 1960, 73 cows qualified for recognition as Gold Medal Dams, bringing the number of cows so recognized to 284.

Progressive Breeders Registry

Breeders who qualify for the Progressive Breeders Registry must have well rounded programs of herd management and be members of their state and national associations. Their herds must produce at a level above the average of herds on official test and must be classified regularly with an average type score above the average for the breed. In addition, their registrations must be up-to-date, their herds must be largely home bred, and they must be certified as free of Brucellosis and accredited as free of Tuberculosis. Not many herds can meet all these requirements.

In 1960, 151 breeders qualified for the Progressive Breeders Registry. The 25 breeders who qualified for the first time received a bronze plaque and a bronze year bar as well as a certificate. The other 126, who had previously received their plaques, received the year bar and the certificate.

Type and Production Year Book

Volume 16 was distributed in August. It consisted of 2,141 pages and contained reports of over 80,000 production records, the official classification of 1,318 bulls and 54,745 cows. It also carried Daughter-Dam Comparisons for type for 1,421 sires, Daughter-Dam Comparisons for production for 2,493 sires, lists of herd lactation averages, classified herds, sires with ten or more classified daughters, lifetime producers of 100,000 pounds or more, class leaders in production and other information of interest to breeders and others interested in Holsteins.

The Type and Production Year Book is supplied to all breeders whose herds are on official test and may be purchased by others for a nominal fee. Volume 16 was supplied to artificial breeding organizations, pedigree houses, breeders and registry organizations in several foreign countries, and to other breeders in this country whose herds were not on official test. The cost of production of Volume 16 was $9.08 per copy with 3,100 copies having been distributed.

Other Department Work

The HIR Newsletter is published monthly and is sent to owners of herds or cows on official test and to an additional list of several hundred interested people. Most of its space is devoted to the publication of new Herd Lactation Averages, but it also carries announcements of rule changes, reminders of deadline dates for group classification programs and other pertinent information.

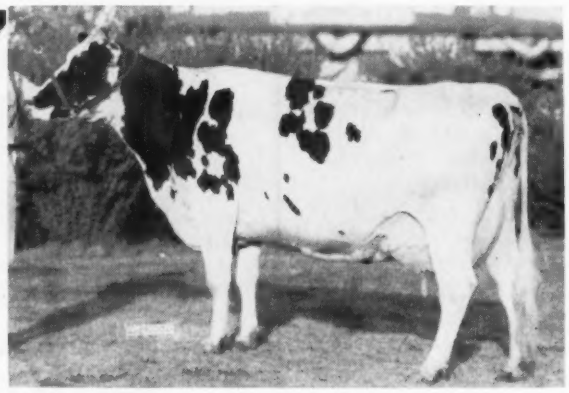
The Honor List, prepared for publication in the **Holstein-Friesian World** each month, consists of HIR, AR and DHIR records that exceed high requirements for milk or fat. In 1960, HIR and DHIR records were included in the Honor List for the first time. The reports in the **World** also include lists of Herd Lactation Averages, herds classified, Silver and Gold Medal Sires, Gold Medal Dams and herds qualifying for the Progressive Breeders Registry.

The Leaders List is published twice a year as a separate booklet. It includes the top records in the various ages, classes and milking frequencies, as well as the leading lifetime producers and the leading lactation averages for herds. It is distributed to the mailing list for the HIR Newsletter and is available to others upon request.

Daughter - Dam Comparisons for sires, for both production and type, are computed three times each year on a regularly scheduled basis. These new comparisons are published in booklet form twice annually and mailed automatically to all participating breeders, and to others.

As lactation records are completed, lifetime production records are brought up-to-date three times yearly. Certificates are issued to owners of cows that have exceeded 100,000 pounds of milk. Special publicity is given to cows that exceed 150,000 pounds, and 200,000 producers get very special publicity.

Research studies are constantly being carried on to obtain information to aid in improvement of the services and programs of the Association. Countless requests for information from the files of the Association are answered each year.



WEBER ADMIRAL BURKE RUBY (EX)
Once again this star of the Bristol Farms herd was scored EX-93 and Excellent in Mammary System. It was her 8th classification (by five inspectors) and she has rated EX in Mammary every time, at from 2 to 13 years of age. She has over 140,000 lbs. of milk to date and is still producing. In 1955 she was Grand Champion at Wisconsin State Fair.

HIGH SCORE AT BRISTOL

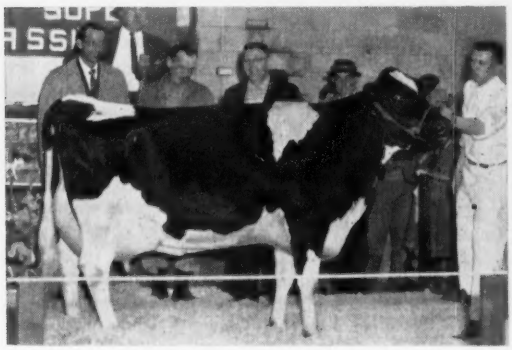
The Bristol Farms herd of Dr. Herbert Lothe, Bristol, Wis. was classified last month by Inspector Bob Strickler with an average score of 87+ on 111 head. There were 18 Excellents and 80 Very Goods, with 12 Good Plus and a single Good. The junior herd sire, Burke BF Triune Prince, son of Ravenglen Triune Prince out of the Excellent Concord Farm BF Burke Fay, went Excellent as a 3-year-old.

The sensations of the herd were nine daughters of Valla Vista Polkadot Ike 1195201 which were purchased since last October, five from the herd of A. B. Weeks, North Clarendon, Vt., all of which went Excellent as 3-and 4-year-olds, and four others purchased from neighbors of Mr. Weeks that all went Very Good. The average score of the nine was close to 89 points. This sire, now dead, was purchased by Bill Weeks for service in his father's herd from Phillips Bros., Beaver Crossing, Nebraska.

Nine more daughters of Man-O-War BF Crescent Combine (EX-SMT) were classified for the first time. He now has a total of 40 in six herds with one Excellent, 24 Very Good, 14 Good Plus and one Good.

Two Sale Toppers of "Badger" Breeding

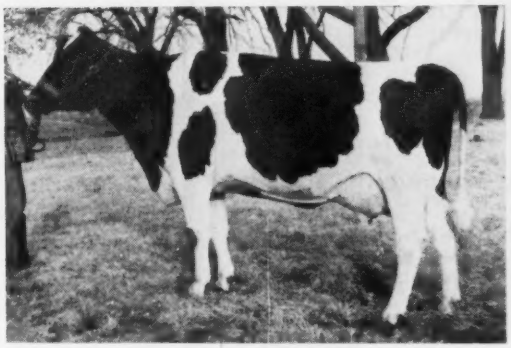
Tied For Top - Elkhorn Classic $1800



BERNICE OLLIE DISTINCTION 4593155 (EX)
She is Excellent in mammary. Has 512F 2 yrs. Daughter of Distinction Magic Count, SMT-(VG) - popular member of the present stud. He is a son of Carnation Magic Nobleman, SMP from an Excellent daughter of Carnation Typesetter that has a total production in 3605 ds. of 126,809M 4,762 F.

"Bernice" was consigned to the Elkhorn Classic by I. P. Stewart and Lyle Jackson of Iowa and was purchased by Chambric Farms, Rockford, Ill.

$3300 - Top of Kieffer Dispersal



HEINZENS HILL PINE BREEZE VERA (VG-89)
DHIA record: 365d 2y 17,369 M 3.9% 626 F. Daughter of Admiral Comet, former member of the Badger stud, a Gold Medal proven sire; he was classified Excellent, a son of Pabst Comet (VG-GM) from the 629-lb. Klazerina Della, thus a maternal brother to Klazerina Della 2d with records of 1055 and 1063 F. - she is also Excellent.

Heinzens Hill Pine Breeze Vera was purchased at the recent George Kieffer dispersal at Auburndale, Wis. for $3,300 - the buyers Joseph & Verna Allen Pape, Sharon, Wis.

About Distinction Magic Count

DISTINCTION MAGIC COUNT (VG-SMT)

HE HAS 5 CROSSES TO GOVERNOR OF CARNATION.

He is from Distinction Miss Greta Typesetter - she was made Excellent at 12 years of age. Her life production: 3605 ds. 126,809M 4,762 F.

His sire is Carnation Magic Nobleman, SMP sire, an 897-lb. son of Carnation Black Magic.

His 80 classified daughters ave. 80.4 points.
(Practically all AI daughters)

44 AI dtrs. - 51 records ave. on M. E.

305d	2X	13,453	3.7%	497

He has sired unusually nice udders, especially fore udders; also strong front ends. More and more breeders are recognizing the breeding power of this bull and are requesting semen for special matings to him.

20 Years of Successful Pioneering in the Business of Breeding Dairy Cattle

Visitors Welcome Every Day

Located on Hiway 29 - one mile west of Shawano

BADGER BREEDERS COOPERATIVE

SHAWANO **Phone LAkeview 6-2141** **WISCONSIN**

Pabst-Knutson

Don't Forget

Saturday, JUNE 3

At OCONOMOWOC, WISCONSIN

DISPERSAL OF THE PABST-KNUTSON UNIT OF PABST FARMS, INC.

SELLING:

100 head - 15 Excellent cows - 4 EX. cows over 1000 lbs. F.-28 VG cows 42 records ave. 19,093 lbs. M. 3.75% 716 F. Ave. cl. score 87.5— 52 descendants of Wis Leader sell.

For catalog send $1 to -

Piper Bros., Sale Mgrs., Watertown, Wis.

NEWS & VIEWS (From page 31)

tion records with an eye to pin-pointing basic information to augment the Merchandising Program.

Classification Climbing

Herd Classification is off to a flying start on what could well turn out to be another banner year in type improvement.

For group herd programs through May, 1,306 Holstein breeders have filed applications to have their herds classified.

This compares to 1,129 herds in immediately preceding programs in the same geographical areas — a hefty 15.6 per cent increase.

One example of the constructive uses to which the resulting data is put can be found in a new leaflet of daughter-dam type comparisons.

It includes 466 comparisons on sires having an increase of 10 per cent or more in number of classified daughters or a .5 increase in their average score since last revised.

Also listed are 215 comparisons on sires having 10 daughter-dam pairs published for the first time.

Just as this is vital information for fact-minded Holstein breeders, it is especially valuable to owners of herds classified for type at regular intervals.

All of which is another way of pointing out that it will pay you to classify your herd in the next group program in your area. You'll find the schedule on the last page of each issue of the **World.**

FOR SALE

Herd of 80 Holstein cows, 15 registered & 65 grades; 35 1st calf heifers. Large well-uddered cows. Herd accredited. $325 per head.

BONNIE BROOK FARMS
Carroll Rd., Monkton, Md.

MAGNETROL NEW MAGNET DESIGN

Prevents Losses from HARDWARE DISEASE

New design holds twice the load of ordinary round magnets and won't roll in stomach. Pays for itself twice over every year.

- NEW FLAT SHAPE
- TWICE THE POWER
- LONGER AND WIDER
- TESTED AND PROVED

Ask your Veterinarian or write Dept. G

FARGO So. Glastonbury, Conn.

KIEFFER (From page 96)

$230. The $875 female was a paternal sister to the $1000 cow.

As will be noted from the sale summary, calves sold particularly well and buyers also put a good value on the open yearlings.

Buyers and their purchases at $500 and over follow:

Joseph & Verna Pape, Sharon, Wis.
Heinzens Hill Pine Breeze Vera (12-56) $3300
J. R. Simpson, Butler, Pa. (2)
Ormsby Carnation Magic Sue (11-55) 1475
Richard Knutson, Fall Creek, Wis. (2)
Admiral Marathon Direct (10.55) 1000
Willard Luteritz, Cleveland, Wis.
Topsy Ormsby Kaytee Fobes 2D (8-56) 875
Arlon R. Schmidt, Marathon, Wis. (2)
Marathon Johanna Fobes 2D (1-56) 760
N. E. Peason & Harry Bunkaski, Horicon, Wis.
Vale Fobes Prince Selma (10-55) 750
Village View Comet Nellie (9-59) 700
Marathon Johanna Fobes (7-53) 575
George Koffarnus, Colby, Wis. (4)
Zentnerview Roburke (3-55) 690
Admiral Ormsby Johanna Della (8-53) 600
Admiral Marathon Burke (4-56) 560
Norrbonn Farms, Wittenberg, Wis.
Admiral Star Dinah 685
Admiral Jule Fobes Jane 550
Paul S. Standinger, Reedsville, Wis.
Bess Ormsby Fobes Lass 2D (3-56) 660
Elmwood Ormsby Queen (3-55) 600
Ervin Kollmansberger, Greenwood, Wis.
Hollars Fobes Gomar Leania (11-58) 600
Nathan Smith, Huntland, Tenn. (9)
Moenview Bollman Bess (5-56) 590
Mistress Roburke Colantha (10-56) 500
Kenneth Burke Sparta, Wis.
Moenview Comet Pansy (4-57) .. 585
Raymond Boldeschwiler, Thorp. Wis. (7)
Ormsby Burke Pontiac (9-54) 550
Eugene Grunewald, Mosinee, Wis.
Henrietta Ormsby Burke (5-52) 550
Ray E. West, Waupaca, Wis.
Johanna Piper View Leader (11-57) 535
Leo B. Boldeschwiler, Thorp, Wis.
Henrietta Fobes Jule (6-54) 525
Carl R. Vehrs, Nekoosa, Wis. (2)
Caroline Nowisco Walker (10-52) 510
A. F. Chambers, Gillett, Wis.
Hoesly Fobes Juleania (4.53) 500
J. G. Hull & Ben H. Procknow, Markesan, Wis.
Admiral Ace Johanna (1-59) 500

The trouble with political jokes is that sometimes they get elected.

NATIONAL SALES COMPANY

Consignment and dispersal auction sales management. Complete pedigree, catalog, sales and promotional services. Phone Liberty 7-3180.

Box 468, Waukesha, Wisconsin

Don Stouffer
Pedigrees by National

Harvey Swartz
The Voice of Experience

Holstein

SALE CATALOGS

"A style that is best for your sale"

10 styles **Printed or mimeographed**

EXTENDED PEDIGREES — SALE SUPPLIES

Prices upon Request

MID-WEST PEDIGREE COMPANY

Howard W. Smith, Owner

Box 94 **Phone 1243** **Waverly, Iowa**

COMPLETE HERD FOR SALE

170 Registered Holsteins

100 cows and bred heifers . . .
70 open heifers and calves

HIR testing **last 5 years- from 500 to 552-lbs. fat**

. . . . .

Ave. classification score-
84 points- 105% Breed Average

. . . . .

100% Carnation Breeding

. . . . .

Present herd sire a son of the World Famous Carnation Madcap Butter Boy - (EX-96 pts.), SMT sire and an Excellent and 1,000-lb. dam.

Two Gold Medal Proven sires used in the last 10 years.

. . . . .

For more information, write or call

PIPER BROS.,

Phone 2170

Watertown, Wisconsin

Saturday June 10 is the Date

FOR THE Alfred H. Hjermstad Sale = Zumbrota, Minn.

MILKING HERD and BRED HEIFERS only
35 HEAD REGISTERED HOLSTEINS

11 YR. DHIA AVE. 12,780 MILK — 448 FAT.

1959 AVE. 13,731 M 4% 546 F * 1960 Ave. 14,161 M 3.9% 548 F.
SELLING— 3 cows over 735 F. — 3 dtrs. of Pabst Sir Roburke Rag Apple (EX-GM)

Granddaughters Selling

WIS SUPREME CRUSADER (VG - GM)
His son from a 563-lb. Roburke dtr. is the herd sire.
The herd strong in Ormsby foundation blood.

Finance available — Reuben Schwert, Auctioneer.
for catalog write—

— Piper Bros., Sale Mgrs.,
Watertown, Wis.

To The National Convention Sale
This Great Pair of Paternal Sisters

Cleveland Ohio NATIONAL CONVENTION SALE June 9, 1961

Selling June 8th

ROMEY LUCY TRITOMIA (VG-88)
Born 1-27-54
Fresh April 22nd and pictured with some congestion. Her bull calf sired by a son of Mayers Majesty Duke sells with her.
HT 5-9 2X 365d 21,855 3.7% 808F
Other records of 636F and 529F at 2 and 4 yrs.
Her dam is Romey Tritomia Jane with:
2-5 2X 365d 19,380 M and 665 F

Selling June 8th

ROMEY TRITOMIA FAYNE (EX)
Born 10-22-53
7y 2X 113d 7,298 M 4.3% 311 F HT
(record in progress)
Bred back on April 7th to the famous Osborndale Ivanhoe (VG-GM). Another big, strong, beautiful cow, she has 2 real nice daughters in our herd. She has other records of 448f, 467f and 471f and freshened back within 12 months each year.

Here is a pair of beautiful, big, good uddered cows with proven brood cow ability already shown in our herd. This is the best consignment to go off our farm. See this pair at Cleveland on June 8th.

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JEFFERSON MARYLAND

ALL-AMERICAN EX-93

Peter Heffering, Danboro, Pa., reports that his 1960 All-American 4-yr-old, Maroy Model Abbekerk, was classified EX-93 on April 20, 1961. Classified dry, she was raised from 89 points to 93 points with an Excellent in every breakdown. This top young cow is a daughter of Amcana Dictator Model (EX-GM) and was a member of his 1960 All-American Get. She is due soon to Osborndale Ivanhoe (VG-GM).

Mr. Heffering's herd of 15 head averaged 86 points with 2 EX, 8 VG and 5 GP. His other Excellent was a daughter of Osborndale Ivanhoe (EX-GM).

RICHARDS HERD SCORED 87

The recent classification of the Rich-Herd Holsteins owned by Grant Richards, American Fork, Utah made the outstanding average score of 87-plus points on the 34 head herd. The inspector was Roger Denny. The herd now boasts seven Excellents, 23 Very Goods and 4 Good Pluses. Particularly noteworthy was the fact that every first-calf heifer was rated Very Good. New Excellent animals include "Trudy," 825-lb. fat daughter of "Tex," 951-lb. fat Excellent daughter of Lonelm Texal Highcroft; and "Warden", the 3-year-old junior herd sire by Wis Champion (EX) with a score of 91.

ATHLONE SALES REPORTED

Owner T. E. Courtney of Athlone Farm, DeKalb, Ill., writes that business has been brisk due to "the good the ad in the **World** Brood Cow Issue and the advertising the sale of the heifer for $970 in the Curtiss Classic did for us . . . "

Virgil Kregel, Guttenberg, Iowa, purchased four foundation females, all with 700 lbs. fat or better. He also took a Gray View Skyliner son from a daughter of Again Athlone Admiral Fobes.

David W. Glick & Son, Circleville, Ohio, who took the "Again" daughter in the Curtiss Classic, visited Athlone the following week and acquired a second-calf heifer with a 640-lb. 2-year-old record.

Another Ohio buyer was L. Ellis Blevins, who is building a new herd on the daughters of Curtiss sires following his recent dispersal. His selections were two springing daughters of Wisconsin Supreme Crusader out of Again daughters.

An outstanding 4-H heifer calf, sired by Again, went to Steven A. Richardson, Maple Park, Ill., who has plans to show her this season.

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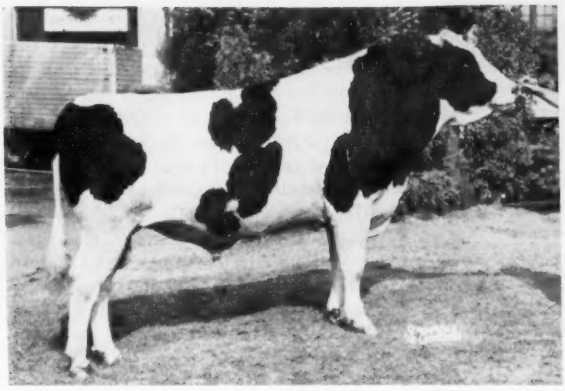
118 Baxter St. Waukesha, Wis. Box 177.
Phone: Liberty 7-3644
Registered or High Grade Holsteins for foundation or replacement. Come and make your selections or we will fill your order as directed. Thirty-five years experience handling domestic and foreign shipments. Financing available.
Services of
Arthur F. Bennett - James L. Gordon - Reynold F. Bennett

SEILING REFLECTION ECHO 256245C

Born July 5, 1955



Classified Excellent, and rated Excellent in General Appearance, Dairy Character and Rump, Very Good in Body Capacity, Legs and Feet. He was Reserve All-New York Aged Bull for 1960, and sire of the Hon. Men. All-New York Heifer. He was 1st, Senior and Grand Champion at Chautauqua and Erie Co. Fairs, fourth at New York State Fair, 1960. His young daughters in the ALSFARM herd are outstanding.

Semen from "Echo" is available now at $5.00 per ampule plus handling or inseminating charges. Write NYABC, Ithaca, N. Y. or call your NYABC inseminator. "Echo" may be seen now at LAWARA.

A. B. C. REFLECTION SOVEREIGN 198998
Extra & Excellent
All-Can. in 1949-50-51
Res. All-Am. Aged Bull 1951
Res. All-Can. Aged Bull 1952
154 2 yr. records by 154 daus.
Average: 12,401 465 3.75
68 in 305 days, 123 on 2X
179 Daus. avg.: M121-F123% of BCA
210 Daus.: 87% GP and better
22 EX 65 VG 96 GP 24 G 3 F Daus.
14 EX 36 VG 3 GP sons
15 All-Can. 11 Res. 12 HM Prog.
9 Daus. over 100,000 lbs. milk
17 Honour List Daughters
All-Can. Gets 1953-4-5-7-9
All-Am. Gets 1953-4-5-7
HM All-Can. Get 1952
1st Jr. Get Royal 1951
1st Sr. Get Chicago 1955-57
Res. All-Can. & Am. Get 1960
64 progeny averaged $2511 in the Rosafe Disp. 1958
Linton Hall Reflection Edna (GP)
6y 365 2X 27,821 1111 4.0HT

SEILING WING WAYNE 732285
Very Good
5y 365 3X 21,362 781 3.66
4y 305 3X 20,774 746 3.59
(Honour List Leader 1953)
3y 365 2X 18,245 693 3.80
2y 349 2X 16,491 660 4.00
7y 294 2X 13,229 521 3.94
8y 286 2X 12,748 428 3.36
6 Lact.: 102,849 4829 4.68
6 Lacts.: Avg.: M139-F142% of BCA
Dam of:
1 daughter: 739 lbs. fat
1 VG daughter
$1550 son
Seiling A. Wayne (VG)
8y 305 2X 17,966 739 4.11
5y 365 2X 16,520 683 4.13
3y 365 2X 14,939 661 4.42
6y 364 2X 16,948 648 3.82
9y 57 305 2X 14,054 580 4.13
2y 365 2X 13,252 564 4.26
6 Lacts. 2X: 97,967 4093 4.18
6 Lacts. Avg.: M133-F150% of BCA

MONTVIC RAG APPLE SOVEREIGN 155159
Excellent
Twice All-Can., Twice Reserve
204 Mature Records by 204 Daus.
Average: 12,760 - 523 - 4.10
88 in 305 days, 107 on 2X
357 Daus. avg.: M103-F114% of BCA
6 EX 43 VG 239 GP 98 G 17 F Daus.
15 EX 97 VG Sons
9 All-Can. 13 Res. 4 HM Prog.
30 Daus. over 100,000 lbs. Milk
26 Sons with Winning Gets

A. B. C. INKA MAY 559938
Excellent
All-Can. 4 yr. Hfr. 1947
1st Dry Aged Cow CNE 1952
4y 365 3X 24,141 1128 4.67
(Honour List Leader 1949)
7y 305 3X 18,739 783 4.18
3y 361 2X 18,361 691 3.76
10y 305 2X 11,257 448 3.98
2y 354 3X 12,533 447 3.57
1 EX 3 VG Sons
1 Class Extra Son

SEILING WING COMMANDER 188648
H.M. All-Can. Jr. Bull 1946
Sire of:
8 Daus.: 382 to 781 lbs. Fat
3 VG 4 GP 2 G Daus.
4 Daus. over 100,000 lbs. Milk
1 Honour List Daughter
Rag Apple Ellen Commander (VG)
11y 305 2X 12,544 555 4.42
7 Lacts. 2X: 106,475 - 4614 - 4.33
Becky Commander Keyes (VG)
8 Lacts. 2X: 107,536 - 4830 - 4.49

SEILING WAYNE DARKNESS 568234
Good Plus
2y 362 2X 15,626 560 3.58
3y 365 2X 15,770 512 3.25
2 Lacts. avg.: M144-F134% of BCA
Dam of:
1 Daughter: 781 lbs. fat
1 VG Dau. over 100,000 lbs. milk
Paternal sister of:
Ethel Finderne (VG)
5y 365 2X 20,946 859 4.10

EMPEROR OF MOUNT VICTORIA (VG)
49 Daus. Avg.: M115--F 118% of BCA
4 EX 14 VG 32 GP 2 F Daus.
3 EX 13 VG sons
2 All-Can. 1 Res. A-A. Dau.
12 Daus. over 100,000 lbs. milk

MONTVIC R. A. COL. ABBEKERK (EX-11*)
9y 365 3X 29,208 1263 4.32
(Former Wld. Ch. for Fat on 3X)
3 Daus.: 738 to 983 lbs. Fat
2 EX 3 VG progeny
2 All-Can. 1 HM progeny

INKA SUPREME REFLECTION (EX)
100 Daus. Avg.: M107-F110% of BCA
5 EX 21 VG 71 GP 10 G 3 F Daus.
3 EX 10 VG sons
5 All-Can. 5 Res. 1HM prog.
H.M. All-Can. Get 1947

TEMPLE FARM MAY (VG-2*)
8y 365 2X 18,999 729 3.64
4 Daus.: 542 to 1128 lbs. Fat
1 EX 2 VG Daus.
All-Can. 4 yr. hfr. 1947
H.M. All-Can. Prod. 1947

SEILING PET KING (VG)
8 Daus.: 400 to 883 lbs. Fat
1 EX 1 VG 6 GP 1 G Daus.
2 VG Sons
2 All-Can. 1 Res. 3 HM Prog.
2 Daus. over 100,000 lbs. Milk

SEILING ROYAL KING (EX-4*)
7y 365 3X 28,505 1219 4.28
9 Lacts.: 177,813 - 7237 - 4.07
Wld. Ch. Fat, 3, 4, 5, 6 lact. 3X
2 Daus.: 503 & 693 lbs. Fat
2 VG Proven Sons

SEILING PEACH KING
12 Daus. Avg.: M131-F130% of BCA
Sire of:
1 EX 2 VG 8 GP 3 G Daus.
1 VG Son
1 Dau. over 100,000 lbs. Milk

SEILING ROYAL WAYNE (GP)
4y 365 2X 15,411 648 4.20
Dam of:
1 Daughter: 560 lbs. Fat

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JAMESTOWN NEW YORK

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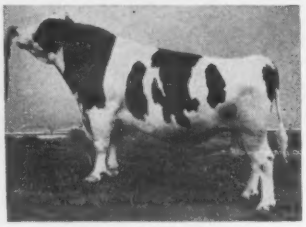

PABST CHIEFTAIN
Very Good - SMT

12 daus.	15,433 M	3.7%	564 F
12 dams	14,283 M	3.6%	526 F
	+1,150 M	+.1%	+38 F

18 daus. classified avg. 82.0%
Sire: Wis Leader (EX-GM)
Dam: La Princess Margaret Pabst (EX)

Home of:
9 Gold Medal Sires
6 Silver Medal Type Sires
3 Silver Medal Type Sires

ROYAL SHORE RADIANT
Excellent

12 daus.	14,162 M	4.0%	571 F
12 dams	12,459 M	3.9%	487 F
	+1,703 M	+.1%	+84 F

12 daus. classified avg. 80.0%
Sire: Shore Royal Duke (VG)
Dam: Shore Sovereign Blonde (VG)

Write for information:
Frozen Semen Available for Selective Mating.

Michigan Artificial Breeders Cooperative, Inc.
3655 Forest Road — Box 511 — East Lansing, Michigan

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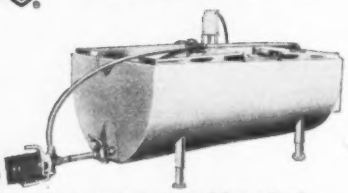

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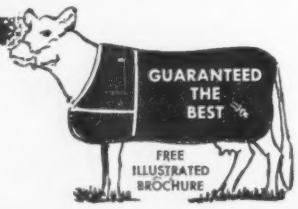

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KNOLLWOOD SIRE DIES

Cochran Ideal 1198408, VG Silver Medal Type sire at Knollwood Farms, Fairport, N. Y. died early in May from unknown causes. He was found dead in his stall. This bull was purchased by Daniel I. Mayne, owner of Knollwood Farms, as a yearling in the General Cochran Farms dispersal in 1953, for $3,000. He was a son of Sovereign Cochran, the $14,000 herd sire that later became Gold Medal and one of the breed's most popular artificial service sires under the Golden Genes program. His dam was the $5,050 Cochran Sovereign Ideal (VG-88) that went to Anderson Fowler in New Jersey, she a daughter of the popular "Tony" bull, a full sister to Freebaer Farms' Cochran Sovereign Baron bull, and a ¾ sister to the Excellent 1951 Reserve All-American 3-year-old, Sovereign Cochran Ida. Ideal and Ida were nominated for All-American Produce in 1953.

Cochran Ideal has made a notable contribution to the Knollwood herd where he leaves 10 daughters in the milking string, five of them classified Very Good and five Good Plus. There are also 15 heifers still to freshen and several in calf to him, along with a limited bank of his frozen semen. He is a Silver Medal Type Sire with a 15-daughter average of 82.5 (104% BAA). His 12-pair HIR proof shows a daughter average of 12405 M 4.22% 524 Fat.

WINCOWIS SALES

Earl Hughes, Wincowis Stock Farm, Neenah, Wis., reports the following sales of registered stock:

Ernest Knapp, Neenah, Wis., selected two foundation heifer calves from the Wincowis herd in recent weeks. A nice young bull from a 600-lb. 2-yr-old daughter of Wis Captain (EX-GM) went to Charles Konop, Jr., Cato, Wis. Other young bulls went to Joe Loderbae, Kaukauna, and Leo Buchinger, Sherwood, Wis. All these good calves were by Wis Captain Follow On, a 3-year-old son of Wis Raven Cyclone and Wis Empress Burke.

EASTERN STATES NOTES

Eastern States Exposition is reconstructing its former Industrial Arts Building which, with its 123,000 square feet of floor space is the largest exhibit hall on one floor in the east. In addition to $80,000 worth of renovation, the name of the hall has been changed to Better Living Center.

ESE Holstein exhibitors may expect a group of Canadian cattle in competition again this year, according to word from the annual meeting of Nova Scotia Holstein breeders.

This 1100 - lb. Bull For Sale

ZIMMERMAN LEE STAR SENOR →
Born Mar. 13, 1960

His Sire
ZIMMERMAN BESTAR ROYAL LEE (VG)

Lee is a 4 yr. old son of Beach out of Aline a daughter of Royalist, who is now making close to 800f 4% after making three over 700f. The granddam is Alcartra a 800f daughter of Ideal and the next dam is Allie a 792f daughter of Star Piebe. Aline is a full sister to Alive who has over 1020f 4% and to Alva who is promising 1000f at 4yr. after 925f and 825f records.

There are four Lee daughters milking and they are doing well with one fresh in Sept. making retest requirements in April. They are big rangy heifers and the kind that improve with age.

His Dam: ZIMMERMAN PANSTAR ROYAL SADIE (GP)

Sadie has records of 885f and 944f 3.8% and will have around 29,500m and 1100f this year. She is a full sister to Sandra who also has 1100f following 880f; 910; and 1010f. Sandra holds a national record at 4yr. 305d and Sadie only missed a 305d milk record by 50 lbs. of milk. Another full sister is Selma who made 792f at 2 yrs. and she has a son siring high producing daughters. A fourth full sister is due this fall.

Sadie is a daughter of Ideal and her dam Sue is a daughter of Royalist and the next dam is a daughter of Star Piebe. This is the Specks branch of our Pansy family and it has also produced Piebe Star 1300f, Sheila 1137f, Seely 1248f and Sall, making 1100f. Sue, Sadie's dam has over 1000f and also over 100,000.

Senor is a large, rugged, dairy type bull. He is close linebred to the families that are the basis of our breeding program. Both his sire and dam combine Ideal and Royalist and both are also direct maternal descendents of Star Piebe daughters. Both are out of our original cow families that have consistently produced good cows for 7 generations.

Remember through linebreeding we have proven these families do not have the red factor, or any lethal recessive factors. Also through linebreeding, we have proven these families are relatively pure for high production and high test genes.

Classification News

In the 600-lb. fat herd of Donald Meitzler, Kresgeville, Pa., a Royalist daughter was the highest, an Ideal daughter was second highest and a Royalist daughter was third highest on classification. In the 600-lb. herd of Earl Wagner, Tamaqua, Pa., a Royalist daughter was the highest classifying 2-yr-old.

Frozen and fresh semen available from ROYALIST, (not classified - old age); MARK (VG); PILOT (VG) and LEE (VG). $5.00 a vial for frozen semen plus $15 per shipment. $10.00 per shipment of fresh semen of 4 to 5 c.c. (good for four days.) No shipments over weekends or holidays.

ZIMMERMAN DAIRY FARM

L. A. and J. A. Zimmerman — Lehighton, Pa.

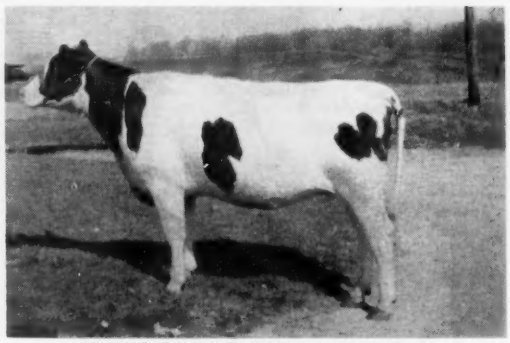
Plan Your Convention Trip to Include the "CURTISS" Sale

CURTISS GREAT LAKES SALE
June 9, 1961
Wooster, Ohio

Great Lakes Curtiss Sale — June 9th

PICTURED BELOW ARE SEVERAL PICTURES OF ANIMALS SELLING THAT ARRIVED TOO LATE TO BE INCLUDED WITH THE SALE AD.

DELLA DESIGN (Very Good)
4y 365d 18,650 M 626.7 F
A beautiful daughter of Hickory Creek Proud Prince due just before the sale to Lillywhite Alban Segis, a top son of Lillywhite Prince (EX-91).
—**McNish Dairy Farms, Burton, Ohio**



JEWEL LYON BROOK WALLIE L H
A daughter of Lyon Brook Wallie Queen (EX-SMT) bred to Gray View Skyliner (EX-GM). Her dam has 582f at 2 yrs. Second maternal dam is Elsie with 872f, 2X at 14 yrs., Ill. State Record and 3rd high Nationally. She has 217,000 to date. —**Lilac Hill Farm, Ingleside, Ill.**

DANNY WEAVER, Sale Manager — Ashland, Ohio

We Have Inga's Pabst Cyclone Daughter

PABST CYCLONE INGA (VG)

Purchased for $4,300 at 1957 Convention Sale

Cyclone Inga's 2-year-old daughter by Pabst Leader Duke is doing real well, milking to 65 lbs. a day.

She also has a striking son by Carnation Butter Boy (EX-96-SMT) that we are starting to use some. (He's a three-quarter brother to Admiration and Citation, latter sold to S. A. for a good figure.)

Now she has a very nice heifer calf by our Moo-Kown Author Bill, son of Rosafe Signet and the lovely Glenafton Bonheur Jasmine (EX) with 687f, 4.1%, 2X.

★ ★ ★ ★ ★ ★

Our Last 5 Years' Herd Average Is Over 600 F

All made under loose housing and 2X!

Top cow in our herd-COMET BESSIE MOOIE JILL (VG)

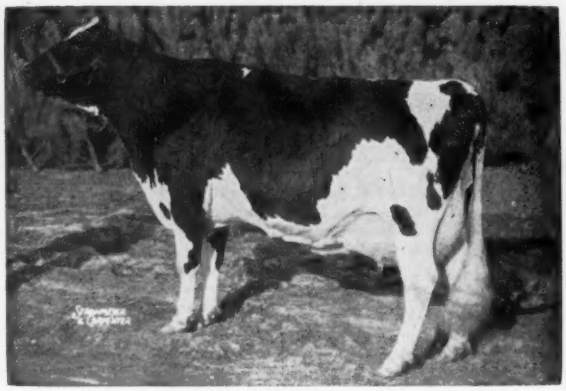
5y 0m	**365d**	**27,376**	**3.9%**	**1074**	**HT**
6y 2m	**365d**	**25,715**	**4%**	**1041**	**HT**

(Dry 61ds between recs.)

She is former Ind. St. Ch. with 838f at 3y 8m and her 1st 4 recs. ave. 895F, actual. Due again 1st July to Cedric at COBA. Two nice dtrs. & two mat. sisters in herd.

Our Sr. Sire — PABST LEADER ROMIER. He's doing a great job with his 1st 11 cl. dtrs.-2 VG 7GP 2 G-79, for 81.7 ave. Dtrs. to VG-88 with "EX" Mamary and 20,000 M, 2X!

He and dtrs. may be seen at any time!



PLAIN VIEW INGA (EX-94)

365d	6½y	3X	24,776	4.2%	1045.0
365d	5y	3X	25,943	4.0%	1042.0
365d	4y	3X	24,609	4.1%	1001.0

(Wisconsin State Leader)

First All-American Cow in history with three 1000-lb. records.
All-American Aged Cow, 1956
Grand Champion International, Waterloo, Wisconsin, Ohio, Indiana, Royal Winter Fair and Wis. B & W, 1956

Stevenson and Walter

North Salem Indiana

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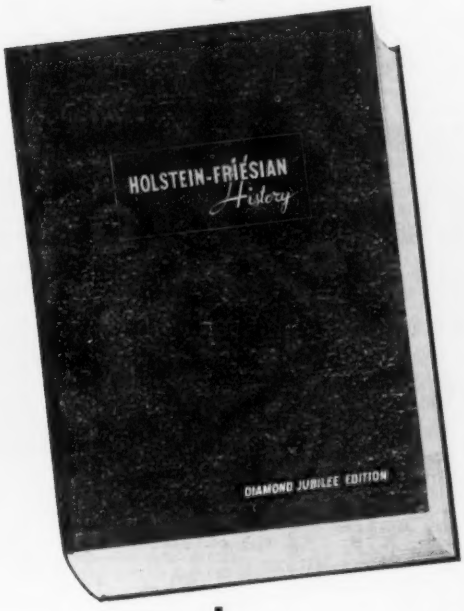

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LACONA, NEW YORK

*Dr. John L. McKitrick, at the Penna. Breeder Institute, 1961.

SALE CALENDAR

May 26 Los Angeles, Calif., 3d Annual Great Western Sale, Frank Hopkins, Chairman, Aptos, Calif.

May 26 Greensburg, Pa. (Fairgrounds), Southwest Penna. Breeders Heifer Sale, Managed by Ralph R. Paxton

May 27 Brighton, Colo. (Fairgrounds), 33d Annual Brighton Calf Sale, Wm D. Dersham, Sale Ch., Box 140, Brighton, Colo.

May 29 Oakville, Ont., Canadian National Holstein Sale, Managed by Hays Farms Ltd., Oakville, Ont.

May 29 Oakville, Ont., Westmount Holstein Dispersal, J. D. Innes, Woodstock, Ont., owner; Managed by Hays Farms Ltd., Oakville, Ont. (Sale immediately follows Canadian National Holstein Sale).

May 30 Oakville, Ont., Oxford Spring Sale, at Hays Sales Arena, 12 noon.

May 30 Oakville, Ont. (Hays Arena) Craig Nelson, Nelcrest Dispersal immediately following Oxford Spring Sale. Hays Farms, Ltd., Mgr., Oakville, Ont.

June 1 Richmond, Ont., Allois Farm Complete Dispersal, Allan Stinson, owner; Managed by Ray Wilson, Kenmore, Ont.

June 3 Watertown, Wis., (Evening) Wisconsin Breeders Sale, Managed by Francis Darcey & Sons, Watertwon, Wis.

June 3 Oconomowoc, Wis., Pabst-Knutson Dispersal, Managed by Piper Bros., Watertown, Wis.

June 6 Oakville, Ont., (Hays Sales Arena) Sunrose Farm Holstein Dispersal at 7 PM, Managed by Hays Farms Ltd., Oakville, Ont.

June 8 Cleveland, Ohio, National Convention Sale, Co-Managed by J. O. Fenstermaker, Homerville, Ohio and R. Austin Backus Inc., Mexico, N. Y.

June 9 Wooster, Ohio, Great Lakes Curtiss Sale, Managed by Danny Weaver, 2496 Mansfield Road, Ashland, Ohio.

June 10 Zumbrota, Minn., Alf H. Hjermstad Dispersal, Managed by Piper Bros., Watertown, Wis.

June 10 Williamston, Mich., 189th Wolverine Holstein Sale, Managed by C. B. Smith, Williamston, Mich.

June 14 Earlville, N. Y., 379th Earlville Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

June 14 Enfield, N. H., LaSallette Seminary Complete Dispersal, Managed by W. A. Baker, Exeter, N. H.

June 22 Lancaster, Pa., 221st Garden Spot Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

June 26 Oakfield, Wis., Edgar Schoepke Dispersal, Managed by G. Jack Stanchfield, 30 Champion Ave., Fond du Lac, Wis.

July 8 Williamston, Mich., 190th Wolverine Holstein Sale, Managed by C. B. Smith, Williamston, Mich.

July 10 New Ulm, Minn., Minnesota Holstein Classic, Managed by Piper Bros., Watertown, Wis., with the cooperation of Reuben Schwert, Faribault, Minn., & Sonny Bartel, Hastings, Minn.

July 11 LeCenter, Minn., Ralph P. O'Connell Dispersal, Managed by Piper Bros., Watertown, Wis.

July 17 Atlanta, Ga., Southern Invitational Sale, Managed by M. B. Nichols, St. Charles, Ill.

July 17 Watertown, Wis., Wisconsin Breeders Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

July 20 Lancaster, Pa., 222d Garden Spot Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

July 25 Goshen, Conn., Litchfield County Holstein Club Sale, Managed by W. A. Baker, Exeter, N. H. Sponsored by the Litchfield County Holstein Club.

July 27 Canandaigua, N. Y. 31st Canandaigua Sale, Managed by Harris Wilcox Inc., Bergen. N. Y.

July 29 Harrington, Del. (7 p.m.), Delaware State Sale, Managed by A. Doty Remsburg, Jefferson, Md.

July 31 Macon, Ga., Deep South Classic, Managed by C. B. Smith, Williamston, Mich.

July 31 Yakima, Wash., Evergreen Dairy Classic Sale.

Aug. 2 Earlville, N. Y., 380th Earlville Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Aug. 5 Hagerstown, Md. (7 p.m.) Washington County Club Sale, Managed by A. Doty Remsburg, Jefferson, Md.

Aug. 7 Watertown, Wis., (Darcey Sale Arena) East Central Breeders' 500 Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

Aug. 8 Baraboo, Wis., Wisconsin Dells Area Sale, Managed by Piper Bros., Watertown, Wis.

Aug. 8 Fond du Lac, Wis., Mid-Summer Breeders Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

Aug. 13 Williamston, Mich., 191st Wolverine Holstein Sale, Managed by C. B. Smith, Williamston, Mich.

Aug. 16 Stouffville, Ontario Tri-County Classic. Sale-Secretary Roy Barker, Woodbridge, Ontario.

Aug. 17 Lancaster, Pa., 223rd Garden Spot Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Aug. 21 Sanford, Maine, Shaw's Dauntless-Dunloggin Sale, Harold J. Shaw Host and Sponsor; W. A. Baker, Exeter, N. H., Sale Mgr.

Aug. 22 Vassalboro, Maine, Maine State Sale, Lawrence Caldwell, Turner, Chairman.

Aug. 25 Stewartsville, N. J., Friendly Fields Heifer Harvest, Managed by R. Austin Backus Inc., Mexico, N.Y.

Aug. 26 Reserved for Texas State Sale sponsored by Texas Holstein-Friesian Assn.

Aug. 26 Logansport, Ind., Marcellus Flory Disp., Everett R. Miller Sales Mgr., Rives Junction, Mich.

Aug. 26 Gaithersburg, Md., Fourth Montgomery County Classic, Managed by A. Doty Remsburg, Jefferson, Md.

Aug. 28 Watertown, Wis., (Piper Bros. Farm) Piper Artificial Classic, Managed by Piper Bros., Watertown, Wis.

Aug. 30-31 Earlville, N. Y. Second Royal Rag Apple Sale Aug. 30; 381st Earlville Sale Aug. 31. Managed by R. Austin Backus Inc., Mexico, N. Y.

Sept. 6 Raleigh, N. C. (Fairgrounds) **10th Annual State Institutional** Sale, Max Cody, Sales Com. Chairman, Broughton Hospital, Morgantown, **N. C.**

Sept. 7 Waverly, Iowa Wylamyna Herd Disp. of Claude Wyman & Son; Harvey Swartz, Waukesha, Wis., Sale Coordinator.

Sept. 8 Orange, Va., Virginia **Holstein** Consignment Sale, Managed by Frank S. Walker, Orange, Va.

Sept. 9 Durham, N. H., (Putnam Hall) Cream of the Crop Sale, Sponsored by New Hampshire-Vermont Artificial Breeding Assn., Managed by W. A. Baker, Exeter, N. H.

Sept. 9 Rochester, Minn., 16th Annual Olmsted County Holstein Sale, David Schroeder, Sec'y.

Sept. 9 Williamston, Mich., Michigan State Holstein Sale, Managed by C. B. Smith, Williamston, Mich.

Sept. 12 Bath, N. Y., (7 p. m.) Allegany-Steuben Holstein Club Sale, Managed by Harris Wilcox Inc., Bergen, N. Y.

Sept. 12 Chilton, Wis., 19th Annual Calumet "400" Sale, Sponsored by Calumet County Holstein Assn.

Sept. 13 Shawano, Wis., 4th Annual Show Window Sale, Managed by Badger Breeders Coop., Shawano, Wis.

Sept. 14 Lancaster, Pa., 224th Garden Spot Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Sept. 14 Canandaigua, N. Y., 32d Canandaigua Sale, Managed by Harris Wilcox, Inc., Bergen, N. Y.

Sept. 16 Morris, N. Y., Morris NYABC Sale, Managed by Harris Wilcox Inc., Bergen. N. Y.

Sept. 18 Chesterton, Md., Kent Co. Club Sale, Managed by A. Doty Remsburg, Jefferson, Md.

Sept. 20 Bath, N. Y., Bath NYABC Sale, Managed by Harris Wilcox Inc., Bergen, N. Y.

Sept. 21 Harrisburg, Pa., (Farm Show Bldg., 7 p. m.) Pennsylvania State Sale, Managed by Pennsylvania Holstein Assn., assisted by R. Austin Backus Inc., Mexico, N. Y.

Sept. 23 Marshfield, Wis., Central Wisconsin Breeders Sale, Managed by Piper Bros., Watertown, Wis.

Sept. 25 Barron, Wis., The Barron Fall Sale, Managed by Bob Koepp, Rice Lake, Wis.

Sept. 27 Stoughton, Wis., 22d Annual Dane County 4H & FFA Holstein Blue Ribbon Bull & Heifer Sale, B. J. Connors, Sale Sec'y, Gr. 17 City County Bldg., Madison, Wis.

Sept. 28 Flemington, N. J., New Jersey State Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Sept. 29 Carlisle, Pa., South Central Pennsylvania Holstein Breeders Sale, Earl Noel, Sale Chairman, Fred Naugle, Secretary, McSherrystown, Pa.

Sept. 30 Schaghticoke, N. Y., (Fairgrounds) 11th Tri-County Club Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Sept. 30 Rutland Vt., The Vermont State Sale, Managed by the Vermont State Holstein Assn.

Oct. 4 Earlville, N. Y., 382d Earlville Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Oct. 7 Rhinebeck, N. Y., 23rd Eastern New York-USO Holstein Club Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Oct. 7 Fond du Lac, Wis., Fond du Lac County Holstein Breeders Fall Heifer Classic, Managed by G. Jack Stanchfield, Fond du Lac, Wis.

Oct. 9 Wellsboro, Pa. Clark Bowen & Sons Dispersal, Managed by R. Austin Backus Inc., Mexico, N. Y.

Oct. 10 Ottawa, Ont., (Exhibition Park) Sixth Annual Kemptville Unit Sale, at 1 p. m., Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 11 Brookings, S. D., South Dakota State Holstein Sale, James Dougherty.

Oct. 11 Rutland, Vt., (Fairgrounds) Champlain Valley NYABC Bred Heifer Sale, Jack P. Helm, Sale Ch., Fair Haven, Vt.

Oct. 12 Grafton, Ont., (Grafton Arena) Seventh Annual Quinte Unit Sale at 1 p. m., Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 14 Woodstock, Ont. (Fairgrounds) Fifth Annual Oxford A-I Quality Classic at 1:30 p. m., Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 14 Cobleskill, N. Y., Schoharie County Holstein Club Sale, Managed by Harris Wilcox Inc., Bergen, N. Y.

Oct. 14 Valley City, N. D., North Dakota State Holstein Sale, Paul Charnetzki Sr., Chairman, Valley City, N.D.

Oct. 14 Williamston, Mich., 193d Wolverine Holstein Sale, Managed by C. B. Smith, Williamston, Mich.

Oct. 16 Oakville, Ont., All-Canadian Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 17 Oakville, Ont., Central Ontario Unit Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 18 Mifflinburg, Pa. John S. Wehr Rosechen Farms Dispersal, Jointly managed by R. Austin Backus Inc., Mexico, N. Y. and the Pennsylvania Holstein Association, State College, Pa.

Oct. 19 Canandaigua, N. Y., 33rd Canandaigua Sale, Managed by Harris Wilcox Inc., Bergen, N. Y.

Oct. 19 Lancaster, Pa., 225th Garden Spot Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Oct. 19 Springfield, Mass., New England Fall Sale, Managed by the New England Holstein Assn.

Oct. 21 Fonda, N. Y., O-H-M Club Sale, Managed by R. Austin Buckus Inc., Mexico, N. Y.

Oct. 22 To be announced by Piper Bros., Watertown, Wis.

Oct. 26 Reading, Pa., Southeastern Penna. Promotional Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.; J. Robert Hess, Strasburg, Pa., Sale Ch.

Oct. 23 West Salem, Wis., Western Wisconsin Holstein Sale, Managed by Piper Bros., Watertown, Wis.

Oct 28 Jamestown, N. Y., Chautauqua County Holstein Sale, Managed by R. Austin Backus, Inc., Mexico, N.Y.

Oct. 28, St. Charles, Ill., Illinois Harvest of Stars Sale, Robert B. Howard, Sale Ch., Dundee, Ill.

Oct. 28 Abilene, Kansas, Kansas Fall Sale, Sponsored by Holstein-Friesian Assn. of Kansas, Harold Scanlan, Sec'y, Abilene, Kans.

Oct. 28 Lapeer, Mich., Thumb Area Sale, Managed by C. B. Smith, Williamston, Mich.

Nov. 1 Earlville, N. Y., 383rd Earlville Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Nov. 4 Earlville, N.Y., 7th Empire Breeders Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Nov. 4 Watertown, Wis., U. S. National Blue Ribbon Sale, Managed by Francis Darcey & Sons, Watertown, Wis.

Nov. 4 Durham, N. H., The Strafford County Holstein Sale, Putnam Hall, University of N. H. Managed by W. A. Baker, Exeter, N. H. Sponsored by the Strafford County Holstein Club.

Nov. 4 Williamston, Mich., 194th Wolverine Holstein Sale, Managed by C. B. Smith, Williamston, Mich.

Nov. 6 Elkhorn, Wis., Elkhorn National Classic, Managed by Piper Bros., Watertown, Wis.

Nov. 9 Hamburg, N. Y., Western New York Club Sale, Managed by Harris Wilcox Inc., Bergen, N. Y.

Nov. 15 Toronto, Ont., Holstein Sale of Stars, Managed by Hays Farms Ltd., Oakville, Ont.

Nov. 16 Canandaigua, N. Y., 5th Canandaigua Classic and 34th Canandaigua Sale, Managed by Harris Wilcox, Inc., Bergen, N. Y.

Nov. 16 Lancaster, Pa., 226th Garden Spot Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Nov. 17 Frederick, Md., Second Show Window Sale, Managed by A. Doty Remsburg, Jefferson, Md.

Nov. 18 Waterloo, Iowa, Iowa State Sale, Art Gerlach, St. Ansgar, Iowa, Sale Chairman.

Dec. 2 Canandaigua, N. Y., (Sale Barn) Hallcrest Farms Dispersal, Managed by Harris Wilcox Inc., Bergen, N. Y.

Dec. 4 Oakville, Ont., Hays' 14th Anniversary Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Dec. 6 Earlville, N. Y., Earlville Invitational Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Dec. 7 Earlville, N. Y., 384th Earlville Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Dec. 11 Williamston, Mich., Wolverine Invitational & 195th Wolverine, Managed by C. B. Smith, Williamston, Mich.

Dec. 14th Lancaster, Pa., 227th Garden Spot Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Hubby — "Did you ever notice, my dear, that a loud talker is generally an ignorant person?"

The Wife — "Well, you needn't shout so; I'm not deaf."

COMING EVENTS

May 25 Los Angeles, Calif., Holstein judging at Great Western Dairy Show, Harvey Swartz, judge.

June 3 Monroe, Wash., Northwest Evergreen Fairgrounds, Western Washington Black & White Show; Darrell Kerby, judge.

June 5-8 Cleveland, Ohio (Hotel Cleveland) 76th Annual Meeting The Holstein-Friesian Association of America.

June 10 Fresno, (Calif.) State College, Fresno County B & W Show, Cliff Knight, judge.

July 11 Douglasville, Ga., Georgia Holstein Day at Tidwell Farms, Ray Tidwell, host.

July 13 Big Stone Gap, Va. Virginia Holstein Field Day, Clinch Haven Farms, Inc.

July 15 Mooseheart, Ill., Northern Illinois State Black & White Show.

July 19 Mauston, Wis. Wisconsin State Black and White Show.

Aug. 15 Cedar Rapids, Iowa, All-Iowa Fair Holstein Judging.

Sept. 22 Harrisburg, Pa., (Farm Show Bldg. at 9 a. m.) Pennsylvania Black & White Show; Harold Kaesar, Ohio State Univ., Judge.

Oct. 9. Dallas, Texas, Texas Holstein-Friesian Assn. President's Dinner.

Oct. 10 Dallas, Texas, Pan-American Holstein Regional Show. Judge Eugene Nelson, Union Grove, Wis.

Nov. 10-18 Toronto, Ont., Royal Agricultural Winter Fair; Holstein Judging Nov. 13-14

Nov. 24-Dec. 2 Chicago, Ill., International Dairy Show.

Dec. 2 Salina, Kansas, Annual Meeting Holstein-Friesian Assn.

Dec. 8-9 (location to be announced) Illinois State Annual Meeting.

MONTHLY HOMESTEAD

New England Homestead (Founded 1855) announces that starting with its May issue it will become a monthly publication. It has been a semi-monthly for many years. Similar action was taken not long ago by the 110-year-old **Rural New Yorker.**

SIRES IN AI USE

During 1959-60 there were 2,460 sires in A.I. use by bull studs in the United States.

The average number of cows inseminated per sire was 2,816. Some of the better proved sires, particularly utilizing frozen semen, accounted for 20,000 first services per sire.

The breakdown by breeds shows the number of sires to be:

	All	Proved
Ayrshire	80	8
Brown Swiss	165	33
Guernsey	517	100
Holstein	1,017	261
Jersey	348	68
Red Dane	8	1
Milking Shorthorn	107	1
Beef (all breeds)	302	

About 40 per cent of the dairy sires are proved. These sires account for about 75 per cent of the matings made because unproved sires are lightly used in most cases until proved.

These proved sires had an average of 13 daughter-dam comparisons. The daughter average is 10,792 lbs. milk and 443 lbs. fat. This includes both A.I. and non-A.I. daughters. All records are 305 days 2X M.E. Much of the proof is on breed association HIR records as well as DHIA, because in most cases the inspections are conducted simultaneously.

—H. A. Herman in
The A. I. Digest

Plentiful Foods For June — The featured items on the June Plentiful Foods List will be milk and other dairy products and broiler-fryers. Potatoes are the only other commodity on the June list of plentiful foods.—USDA

Thanks

We wish to thank the buyers and the bidders on our recent consignment to the May Earlville Super Duper Sale.

Ten More Top Cows For Sale At The Farm

We are in the process of selling our other farm and have to reduce the size of our herd so it will fit in the barn at home. We have ten top foundation caliber cows for sale all good enough for any herd. All are "GP" or "VG" with the exception of one. They have records to 730 fat at 2 yrs. and to 900 fat as mature cows. All except two made 500 fat as 2-yr-olds and those two are now making top records. All but one trace to Lauxmont Rag Apple Lucinda. Most are sired by Budd Farm Top Notch (VG) and by sons of Montvic Rag Apple Sovereign. We think you will like them. Write or phone us today!

Lyon Brook Farm

ARCHIE MEEK — NORWICH, NEW YORK

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BEHIND THIS CALF THAT WILL SELL HIM

The Calf is E. T. 471 our son of

CARNATION ROYAL MASTER - Born 1-24-61

His sire is the popular Carnation Royal Master, Hon. Mention All-American 1958 and 1959, son of Carn. Madcap Butter Boy (EX) from the 1112-lb. EX. Lakefield Fobes Delight who, with her dam, is now champion dam-dtr. for lifetime butterfat (see p. 4 - May 10).

Dam of E. T. 471 (Her Udder Below)

LANGE RE-CHARITY DORL
VG at 2 Years
14543 M 4% 576 F
at 2y, 2X
and at 3yr. 17,427M 3.8% 660F

"Dorl" is a dtr. of Lange Re-Charity, VG-GM, plus 92 F. on 551-lb. dams, dtrs. to 947 F.

A Typical Re-Charity Udder =→

Udder of Lange Re-Charity Dorl. Her dam is a dtr. of Pabst Roamer with 502 F. 2 yrs., next dam 546 F. H.M. Jr. All-Am. Aged cow, 1951.

Frozen semen from "Re-Charity" available, also sons of "Re-Charity" from outstanding cow families and sons of high record "Re-Charity" daughters sired by Carnation Royal Master and Pabst Admiration ("Inga's" son). A few choice outstanding females available - write for further information and for picture and pedigree on E. T. 471.

Lange Farms

WALTER R. LANGE & SON — WATERTOWN, WIS., RT. 1
Cert. Acc. AR Tested - Classified - (8 EX, 24 VG, 2 GP; Avg. 87.3)
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KATHRYN BARTLETT

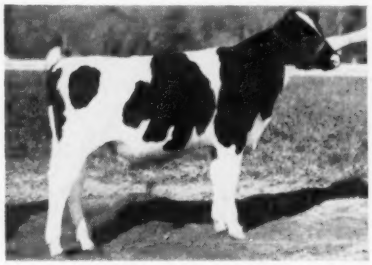
As we go to press comes the sad news of the death of a friend, Kathryn Bartlett, wife and partner of John Bartlett, Bartlett Farm, Oshkosh, Wisconsin on Sunday, May 14th, following an illness of 14 months. Funeral services were held in Oshkosh, May 17th. Friends in the Holstein fraternity who wish to offer a lasting and useful memorial may do so by sending a contribution to the University Cancer Research Fund, University Hospital, Madison, Wisconsin. A more complete obituary will appear in the following issue.

People —

Nelson Rehder, for the past 11 years manager of Braun's Sunny Lea Farm, Waukesha, Wis., is now managing the farm and herd of Dr. George Clinton at Mason, Michigan. Prior to going with Sunny Lea Farm, Nelson was in partnership with his brother in the operation of their home farm in Iowa.

Both Nelson and his All-American Linden Dictator Wimble Wimpy are now in Michigan, while the family—Mrs. Rehder and daughter Sarah—will move to Mason upon the completion of the school year. The Rehders' son, Mark, is working at Madison, Wis., between terms at the University of Wisconsin.

Born, April 15, 1961, Rodney Allen Hetts, to Mr. and Mrs. Allen Hetts, Fort Atkinson, Wis. Weighing in at 9 lbs. 7½ oz., Rodney joins a brother, Roy, and three sisters, Rhonda, Randy and Renee.



Sold to Colombia . . .
CARNATION ROYAL PAY OFF
This Carnation Royal Master (EX) son has been sold to Rafael Rocha Calderon, Bogota, Colombia, by Carnation Milk Farms, Carnation, Wash. His dam, Carnation Sally Favorite Flo (VG), was Honorable Mention for All-American in 1958 after being Res. Junior Champion at Waterloo. As a 2-year-old on 2X Flo made 13,234 milk, 506 fat. A full brother to Pay Off, Carnation Royal Promise, is Junior Herd Sire at Otto and Ralph Elmer's Elmer Brook Dairy Farm, Monticello, Wis.

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1960 HOLSTEIN PRODUCTION

The 90,056 cows completing a lactation during 1960 in the Holstein Association's official testing program averaged out at 13,613 lbs. milk, 503 lbs. fat (305d-2X-ME). This is an increase of just one pound milk and one pound fat over the 1959 average achieved on 78,633 lactations.

The Association reports that there were 132 herds with milk averages above 16,000 lbs., and 133 herds with averages of 600 lbs. fat or better. Currently there are more than 115,000 cows in nearly 3,000 herds enrolled on official test.

The National Dairy Cattle Congress, Waterloo, Iowa has named **Leslie A. Buchan** of Cedar Falls, Iowa, as Director of Promotion for the Exposition. Buchan is a native of Clarion, Iowa, and a graduate of Iowa State University. For the past six years he has served as a Fieldman for the Iowa Farm Bureau Federation. Prior to his association with Farm Bureau, Mr. Buchan was assistant farm editor for the Cedar Rapids Gazette. He is married and has two children.

The 1961 Exposition will be held from September 30 thru October 7. It will feature four national breed shows, the Ayrshire, Brown Swiss, Guernsey, and Holstein, plus outstanding Jersey and Milking Shorthorn shows. Holsteins will be shown on Thursday and Friday, October 5 and 6. The annual meeting of the Dairy Shrine Club will be held on Wednesday afternoon, October 4.

Atencion Compradores Para Exportacion

Por el beneficio de criadores de Holsteins en todos los partes de mundo, hemos puesto al senor Glen M. Householder, jurez reconocido internacional, quien por catorce anos era el manejar de los Ganados de las Estancias de Instituciones del Estado de Wisconsin, y por veintey dos anos era el Administrador del Servicio de Extension de la Asociacion del Holstein de America, en carga completa de nuestro Departmento de Exportacion. El senor Householder les ofrece a Uds. cuarenta y cinco anos de experiencia con los Holsteins puros de linaje. Permitanle elegir su proximo toro para mostrar y criar, una vaca para mostrar y criar o un ganado de vaquillas fundaciones. Recuerden Uds. "Householder busca a Holsteins" Comprar por su orden es nuestra especialidad.

Completamente equipamos para manejar todos los detalles de embarque para exportacion a cualquier pais en el mundo libre - nuestra localidad esta "La Lecheria Tierra de Wisconsin America y Cielo Holstein"

Compre ahora con confianza. Escriban Uds. para el librito "Indice a la Progenie Obtenibles de los padres famosos Holstein. Es libre.

Piper Bros. Farms, Inc.
Watertown, Wisconsin, U. S. A.
Cable "PIPER"

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA

Officers - Directors - Fieldmen

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1961 Herd Classification Schedule

Area	Deadline for Mailing Applications	Starting Date	Fieldman
Western New York	June 6	July 11	Baldwin-Button
Northeast Ohio	June 6	July 11	Moore-Starr
Southern Minnesota	June 6	July 11	Diehl
Western Pennsylvania	July 3	Aug. 8	Nichol
Colorado-S. E. Wyoming	July 3	Aug. 8	Soper
Southern Kansas	July 3	Aug. 8	Edwards
Western Michigan	Aug. 1	Sept. 6	Miller
Northeast Wisconsin	Aug. 1	Sept. 6	Brace
Northern Illinois	Aug. 1	Sept. 6	Mathews
Northern New York	Sept. 5	Oct. 10	Baldwin-Button
Delaware-Maryland	Sept. 5	Oct. 10	Krause
Western Washington	Sept. 5	Oct. 10	Soper
Massachusetts	Oct. 3	Nov. 7	Crissey
Northeast Pennsylvania	Oct. 3	Nov. 7	Nichol
Northern Minnesota	Oct. 3	Nov. 7	Diehl
Arizona-New Mexico	Oct. 3	Nov. 7	Shortridge-Edwards
Southeast Ohio	Oct. 31	Dec. 5	Moore-Starr

Smiles - -

A young man who had just received his degree from college rushed out and said, "Here I am, world; I have my A.B."

The world replied: "Sit down, son, and I'll teach you the rest of the alphabet."

* * *

The shoemaker was explaining to a complaining customer the reason for the poor quality of his soles. "All the good leather," he said, "is going into steaks."

* * *

"Thankful," grumbled the sourpuss to the sunshine spreader. "What have I got to be thankful for? Why, I can't even pay my bills."

"In that case," prompted the other, "be thankful that you aren't one of your creditors."

* * *

When the old N. Y. Post and late N. Y. Sun dueled editorially, The Post lost its temper and yipped: "The Sun is a yellow dog!"

To which The Sun sizzled back: "The attitude of The Sun will continue to be that of any Dog toward any Post."

* * *

"Just what have you done for humanity?" asked the judge before pronouncing sentence on the pickpocket. "Well," said the confirmed criminal, "I've kept three or four detectives working regularly."

* * *

A pro football player was fined $100 by his coach for breaking training. He had gone to a party the night before the big game.

"Don't think I don't know about that hotel episode in Detroit," the manager roared.

"You're way off!" retorted the husky halfback. "There ain't no Hotel Episode in Detroit."

* * *

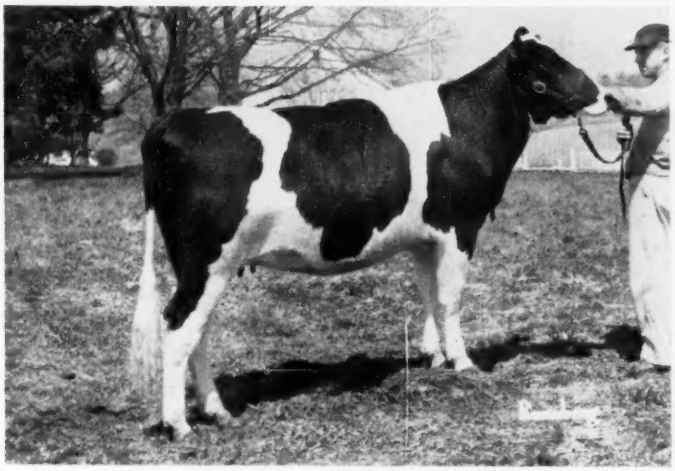
"Back already, Mrs. Olson! It must have been quite expensive abroad?"

"That wasn't why I came back. My husband sent more money than I asked for, so I began to wonder . . . "

* * *

I overheard two Madison Avenue advertising men chatting over a liquid lunch. Seems an acquaintance of theirs from the ad world had just gone to That Great Big Agency in the Sky. One said: "Did you hear about George Smith? He died last night!" . . . "Good Lord," said the other, "what did he have?" . . . "Nothing much," said the first guy, "just a small toothpaste account and a beer client . . . nothing much worth going after."

To The Ohio National Convention Sale — June 8



KINGSTEAD CORRINE DIAMOND

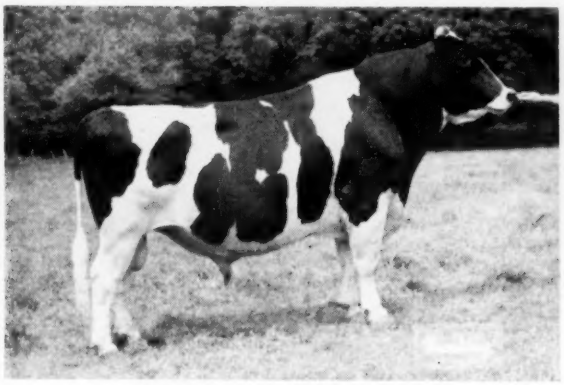
Due in August to a "Champion" son.

Her Dam: KINGSTEAD QUEEN DIAMOND (VG)
2y 2X 18253 3.9 711

2nd Dam: KINGSTEAD MISTRESS DIAMOND (VG)
4y 3X 20768 4.0 831

3rd Dam: KINGSTEAD VAMALO STAR (GMD)
Lifetime over 150,000 lbs., individual records over 20,000 lbs.
Dam of 3 VG daughters and 3 daughters over 800 lbs. of fat.

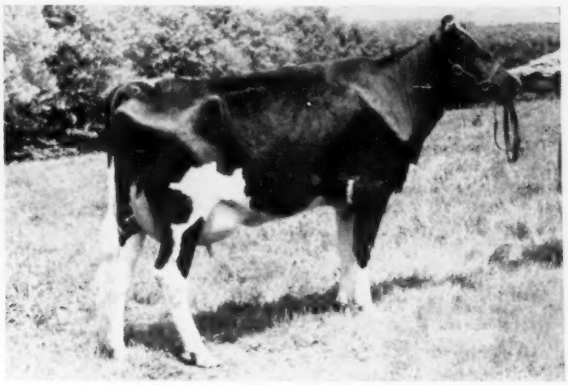
— HER SIRE —



ZELDENRUST DUKE (EX-91)
Son of The Duke Zeldenrust, $15,000 double grandson of Browns Mistress Corrine
Paternal brother to:
Zeldenrust Duchess Queen (VG)
2y 1m 2X 21206 3.8% 806
(Indiana State Record)
Maternal brother to:
Zeldenrust Concentrate
(All-New England Aged Bull)

Make our Kine your Kind.

— HER DAM —



KINGSTEAD QUEEN DIAMOND (VG)
2y 2X 18,253 3.9% 711
Promising over 800 lbs. fat at 3y

SPECIAL THIS MONTH

Write for price and pedigree.

KINGSTEAD DARKY JUDE

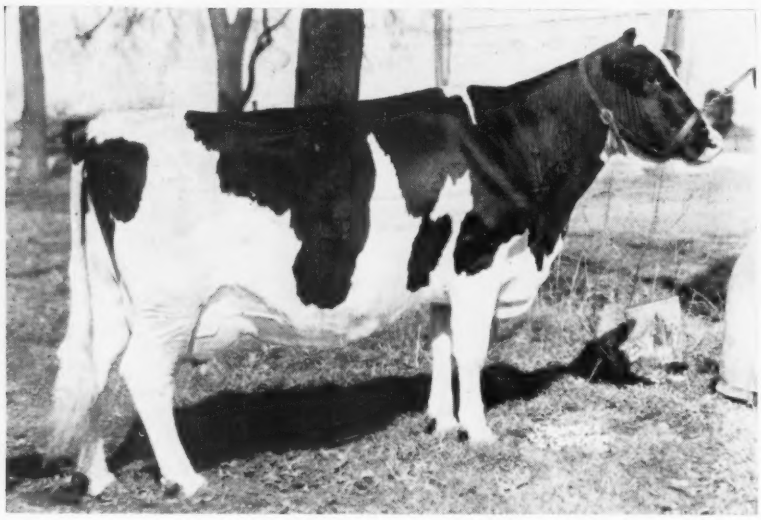
Born Dec. 10, 1960

Son of Kingstead Queen Judy (VG-88), 2y 2X 18191 4.0% 726, and by Kingstead Champion Darky, our "Champion" son from a VG 900-lb. daughter of Zeldenrust Pontiac Korndyke (EX-95, 1100 fat).

KINGSTEAD FARMS
LESLIE C. KING & SONS — CLARKSBURG, MARYLAND

PABST REGAL'S *Second* Gold Medal Daughter

Still in our herd at 15 years of age



← *Pabst Regal Wayne*

"Very Good — Gold Medal"

365d	8y	3X	30,506	3.6%	1103.0
305d	8y	3X	26,649	3.6%	969.1
(Former Wisconsin Leader)					
365d	6y	3X	25,113	3.7%	940.2
365d	4y	3X	22,099	3.7%	814.1
305d	4y	3X	20,130	3.6%	728.6
365d	2½y	3X	20,183	3.7%	755.4
365d	9y	2X	15,400	4.0%	612.0

5 lacts.: 113,301-M 3.7% 4224-F

A ¾ sister to—
Pabst Burke Paul Wayne "EX"
365d 7y 3X 24,057 3.9% 942.9

Pabst Regal Wayne qualifies on both production and classification herself and three out of three offspring meet production requirements and three out of three offspring meet classification requirements. These three qualifying offspring are as follows:

Pabst Comet Regal Wayne (GP)

365d	3½y	3X	22,097	3.8%	845.4
289d	5y	3X	21,079	3.9%	819.1
365d	2½y	3X	19,899	3.8%	761.4

Pabst Jess Rewayne
"Gold Medal Sire"
Owned by Western Penn. Artificial Breeding Co-op.
Formerly owned and proven by H. M. Gans, Pa.

Pabst Leader Duke Rewayne (GP)
365d 2y 3X 23,889-M. 807-F.
(Wisconsin Milk Record)
(Met calving requirements)

She has the following three sons in foreign countries:

Pabst Raven Rewayne
Owned by Eastern Ontario Cattle Breeding Ass'n. Kemptville, Ontario

Pabst Walker Regayne
Owned by Garovaglio & Zorraquin, Ltda. Buenos Aires, Argentina

Pabst Wis
Owned by Comunidad Agricola El Parque, Angol, Chile, S. A.

Pabst Regal Wayne also has a 2-year-old Wis Leader daughter in our herd due to freshen in July and a promising young son by Pabst Sensation born May 30, 1960.

This "Regal" Daughter
is the 14th Gold Medal Dam Developed at Pabst Farms

BURKE - BRED BULLS AND SEMEN FOR SALE. WRITE FOR PEDIGREES AND DETAILS.

PABST FARMS INC. Acc. & Neg. **Oconomowoc, Wis.**